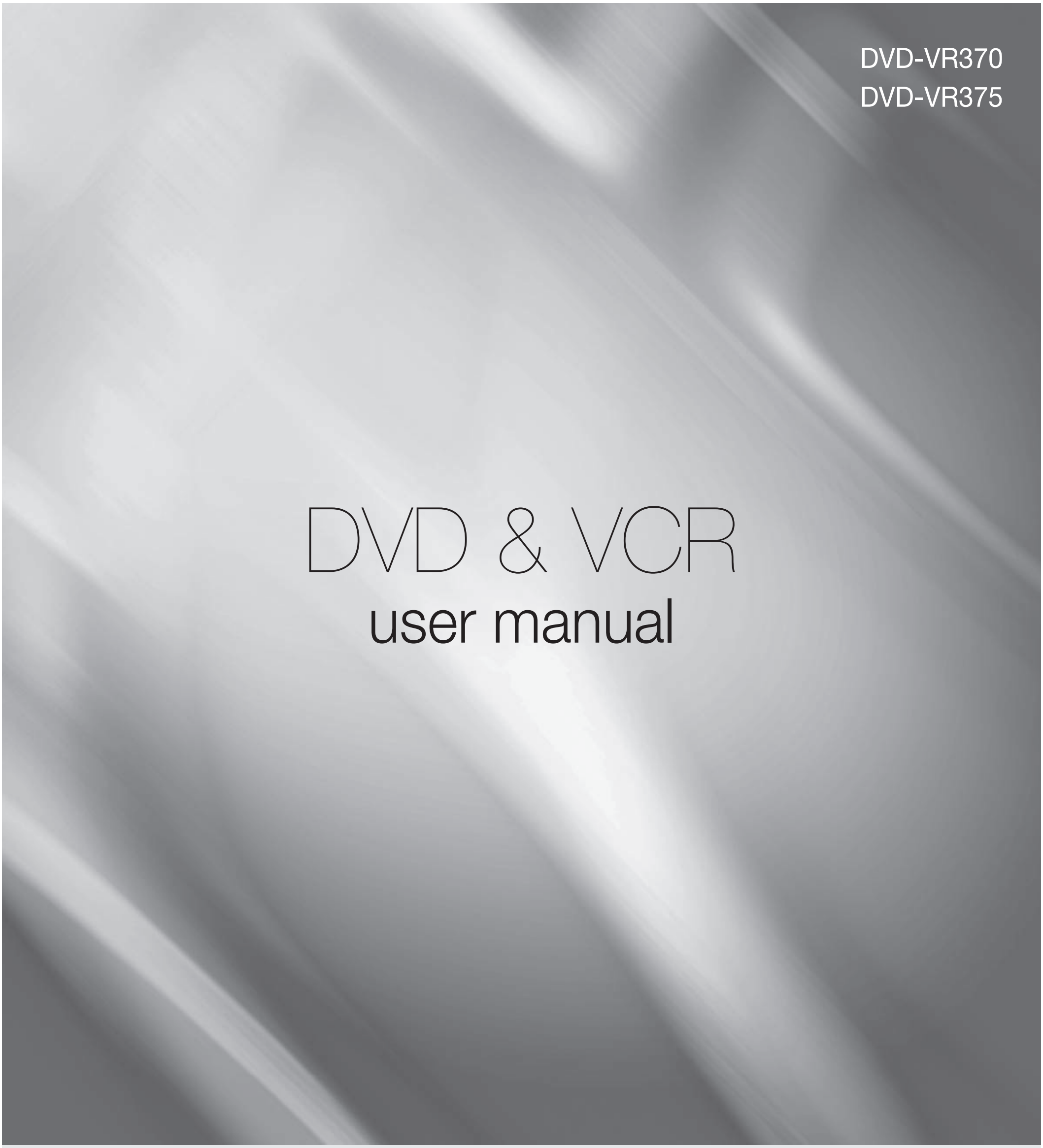
DVD-VR370
DVD-VR375



DVD & VCR
user manual

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SAMSUNG

getting started

WARNING

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER (OR BACK).

NO USER-SERVICEABLE PARTS ARE INSIDE. REFER SERVICING TO QUALIFIFD SERVICE PERSONNEL.

⚡	**CAUTION** RISK OF ELECTRIC SHOCK DO NOT OPEN	⚠
This symbol indicates “dangerous voltage” inside the product that presents a risk of electric shock or personal injury.	**CAUTION :** TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK) NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIFD SERVICE PERSONNEL.	This symbol indicates important instructions accompanying the product.

Do not install this equipment in a confined space such as a bookcase or similar unit.

WARNING

To prevent damage which may result in fire or electric shock hazard, do not expose this appliance to rain or moisture.

CAUTION

DVD RECORDER & VCR USES AN INVISIBLE LASER BEAM WHICH CAN CAUSE HAZARDOUS RADIATION EXPOSURE IFDIRECTED.
BE SURE TO OPERATE RECORDER CORRECTLY AS INSTRUCTED.

CAUTION

THIS PRODUCT UTILIZES A LASER. USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. DO NOT OPEN COVERS AND DO NOT REPAIR YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.

IMPORTANT NOTE

The mains lead on this equipment is supplied with a moulded plug incorporating a fuse. The value of the fuse is indicated on the pin face of the plug. If it requires replacing, a fuse approved to BS1362 of the same rating must be used.

Never use the plug with the fuse cover omitted if the cover is detachable. If a replacement fuse cover is required, it must be of the same colour as the pin face of the plug. Replacement covers are available from your dealer.

If the fitted plug is not suitable for the power points in your house or the cable is not long enough to reach a power point, you should obtain a suitable safety approved extension lead or consult your dealer for assistance.

However, if there is no alternative to cutting off the plug, remove the fuse and then safely dispose of the plug.
Do not connect the plug to a mains jack, as there is a risk of shock hazard from the bared flexible cord.

To disconnect the apparatus from the mains, the plug must be pulled out from the mains socket, therefore the mains plug shall be readily operable.

The product unit accompanying this user manual is licenced under certain intellectual property rights of certain third parties. This licence is limited to private noncommercial use by end-user consumers for licenced contents.

No rights are granted for commercial use. The licence does not cover any product unit other than this product unit and the licence does not extend to any unlicenced product unit or process conforming to ISO/IEC 11172-3 or ISO/IEC 13818-3 used or sold in combination with this product unit. The licence only covers the use of this product unit to encode and/or decode audio files conforming to the ISO/IEC 11172-3 or ISO/IEC 13818-3. No rights are granted under this licence for product features or functions that do not conform to the ISO/IEC 11172-3 or ISO/IEC 13818-3.

PRECAUTION

Important Safety Instructions

Read these operating instructions carefully before using the unit.
Follow all the safety instructions listed below.
Keep these operating instructions handy for future reference.

1) Read these instructions.
2) Keep these instructions.
3) Heed all warnings.
4) Follow all instructions.
5) Do not use this apparatus near water.
6) Clean only with dry cloth.
7) Do not block any ventilation openings, Install in accordance with the manufacturer's instructions.
8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9) Do not defeat the safety purpose of the polarized or grounding- type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. if the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11) Only use attachments/accessories specified by the manufacturer.
12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13) Unplug this apparatus during lightning storms or when unused for long periods of time.
14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Handling Cautions

- Before connecting other components to this DVD Recorder & VCR, be sure to turn them all off.
- Do not move the DVD Recorder & VCR while a disc is being played, or the disc may be scratched or broken, the DVD Recorder & VCR internal parts may be damaged.
- Do not put a flower vase filled with water or any small metal objects on the DVD Recorder & VCR.
- Be careful not to put your hand into the disc tray.
- Do not place anything other than the disc in the disc tray.
- Exterior interference such as lightning and static electricity can affect normal operation of this DVD Recorder & VCR. If this occurs, turn the DVD Recorder & VCR off and on again with the **STANDBY/ON** button, or disconnect and then reconnect the AC power cord to the AC power outlet. The DVD Recorder & VCR will operate normally.
- Be sure to remove the disc and turn off the DVD Recorder & VCR after use.
- Disconnect the AC power cord from the AC outlet when you don't intend to use the DVD Recorder & VCR for long periods of time.
- Clean the disc by wiping in a straight line from the inside to the outside of the disc.
- Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.
- The Mains plug is used as a disconnect device and shall stay readily operable at any time.

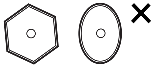
Maintenance of Cabinet

For safety reasons, be sure to disconnect the AC power cord from the AC outlet.

- Do not use benzene, thinner, or other solvents for cleaning.
- Wipe the cabinet with a soft cloth.

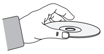
Disc Handling

- Use discs with regular shapes. If an irregular disc (a disc with a special shape) is used, this DVD Recorder & VCR may be damaged.



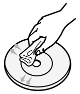
Holding discs

- Avoid touching the surface of a disc where recording is performed.



DVD-RAM, DVD±RW and DVD±R

- Clean with an optional DVD-RAM/PD disc cleaner.
  Do not use cleaners or cloths for CDs to clean DVD-RAM/DVD±RW/±R discs.



DVD-Video, Audio CD

- Wipe off dirt or contamination on the disc with a soft cloth.

Cautions on handling discs

- Do not write on the printed side with a ball-point pen or pencil.
- Do not use record cleaning sprays or antistatic. Also, do not use volatile chemicals, such as benzene or thinner.
- Do not apply labels or stickers to discs. (Do not use discs fixed with exposed tape adhesive or leftover peeled-off stickers.)
- Do not use scratch-proof protectors or covers.
- Do not use discs printed with label printers available on the market.
- Do not load warped or cracked discs.

Disc Storage

Be careful not to harm the disc because the data on these discs is highly vulnerable to the environment.

- Do not keep under direct sunlight.
- Keep in a cool ventilated area.
- Store vertically.
- Keep in a clean protection jacket.
- If you move your DVD Recorder & VCR suddenly from a cold place to a warm place, condensation may generate on the operating parts and lens and cause abnormal disc playback.
  If this occurs, do not connect the plug to the power outlet and wait for two hours.
  Then insert the disc and try to play back again.

Disc Specifications

- DVD-VR370

This unit allows you to record and playback high quality digital images on a DVD-RAM/DVD-RW/DVD-R disc. You can record and edit digital video on DVD-RAM/DVD-RW/DVD-R discs as if they were VCR tapes. (DVD+RW/DVD+R discs can be played, but cannot be recorded.)

- DVD-VR375

This unit allows you to record and playback high quality digital video on DVD-RAM/DVD±RW/DVD±R discs. You can record and edit digital video on DVD-RAM/DVD±RW/DVD±R discs as if they were VCR tapes.

Disc Type

❖ DVD-Video

- A digital versatile disc (DVD) can contain up to 135-minutes of images, 8 audio languages and 32 subtitle languages. It is equipped with MPEG-2 picture compression and Dolby digital surrounding, allowing you to enjoy vivid and clear theatre quality images in the comfort of your own home.
- When switching from the first layer to the second layer of a dual-layered DVD Video disc, there may be momentary distortion in the image and sound. This is not a malfunction of the unit.
- Once a DVD-RW(V)/-R(V)/+R recorded is finalised, it is playable in a standard DVD player.

❖ Audio CD

- An audio disc on which 44.1 kHz PCM Audio is recorded.
- Plays CD-DA format audio CD-RW and CD-R discs.
- The unit may not be able to play some CD-RW or CD-R discs due to the condition of the recording.

CD-RW/-R

❖ MP3 CD-RW/-R

- Only CD-R discs with MP3 files recorded with ISO9660 or JOLIET format can be played back
- Only MP3 files with the “mp3” or “MP3” extension can be used.
- Playable bitrate range is from 32 Kbps to 320Kbps.
- The unit can handle a maximum of 499 files and folders.
- DVD-RAM/DVD±RW/DVD±R discs that contain MP3 files can be played back.

❖ JPEG CD-RW/-R

- Only JPEG files with the “.jpg”, “.JPG” extension can be used.
- The unit can handle a maximum of 1000 files and folders.
- Maximum size of progressive JPEG is 3M pixels.
- MOTION JPEG is not supported.
- DVD-RAM/DVD±RW/DVD±R discs that contain JPEG files can be played back.

❖ Using CD-RW/-R

- Use a 700MB (80 minutes) CD-RW/-R disc.
  If possible, do not use a 800MB (90 minutes) or above disc, as the disc may not play back.
- If the CD-RW/-R disc was not recorded as a closed session, you may experience a delay in the early playback time, and all recorded files may not play.
- Some CD-RW/-R discs may not be playable with this unit, depending on the device which was used to burn them. For contents recorded on CD-RW/-R media from CDs for your personal use, playability may vary depending on contents and discs.

❖ Using MPEG4 disc

- Video File with following extensions can be played. : .avi, .divx, .AVI, .DIVX
- DivX Video (Codec) Format : DivX 3.11 DivX 4.x DivX 5.x (without QPEL and GMC)
- DivX Audio (Codec) Format : MP3, AC3, DTS
- Supported subtitle file formats: .smi, .srt, .sub, .txt, .ass
- Each folder can have up to 500 items including files and sub folders.
- You cannot play back the disc that is larger than a 720 x576 pixel resolution.

DVD-RW/-R Disc Playback and Recording

- Recording and playback can be performed on DVD-RW/-R discs in both Video and VR Modes.
- Once a DVD-RW/-R is recorded in VR or Video mode and finalised, you cannot perform additional recordings.
- Once a DVD-RW/-R is recorded in Video Mode and finalised, it becomes a DVD-Video.
- In both modes, playback can be performed before and after finalisation, but additional recording, deleting and editing can not be performed after finalisation.
- If you want to record the disc in VR Mode and then record in V Mode, be sure to execute format.
  Be careful when executing Format because all the recorded data may be lost. You can change the disc mode only one times when the unused DVD-R disc is inserted.
- DVD-RW/-R (VR mode)
  - You can record multiple titles, edit, delete, partial delete, create a playlist, etc.
  - A disc that is recorded in this mode may not be played by existing DVD players.
- DVD-RW/-R (Video mode)
  - The disc can be played by an existing DVD player once it has been finalised.
  - If a disc that has been recorded in Video mode by a different manufacturer's recorder but has not been finalised it cannot be played or recorded by this recorder.
  - When programming is erased from a DVD-R, that space does not become available. Once an area on a DVD-R is recorded on, that area is no longer available for recording, whether the recording is erased or not.

DVD+R Disc Playback and Recording

- Once a DVD+R is recorded and finalised, it is playable in a standard DVD player.
- You can record onto the available space on the disc and perform editing functions such as giving titles to discs and programmes and erasing programmes before finalising.
- When programming is erased from a DVD+R, that space does not become available. Once an area on a DVD+R is recorded on, that area is no longer available for recording, whether the recording is erased or not.
- It takes about 30 seconds for the unit to update the recorded information after recording finishes.
- This product optimizes the DVD+R for each recording. Optimizing is executed when you start recording after inserting the disc or turning on the unit. Recording onto the disc may become impossible if optimizing is performed too many times.
- Playback may be impossible in some cases due to the condition of recording.
- This unit can play back DVD+R discs recorded and finalised with a Samsung DVD video recorder.
  It may not be able to play some DVD+R discs depending on the disc and the condition of the recording.

DVD+RW Disc Playback and Recording

- With DVD+RW discs, there is no difference between DVD-Video format(Video mode) and DVD-Video Recording format (VR mode).
- Finalising is generally unnecessary when using a DVD+RW disc.

DVD-RAM Disc Playback and Recording

- For cartridge type DVD-RAM discs, remove the cartridge and use the disc only.
- You cannot play a DVD-RAM in most DVD players due to compatibility issues.
- Only DVD-RAM standard Version 2.0 discs can be played in this unit.
- DVD-RAM recorded on this unit may not work with other DVD Players. To determine compatibility with these DVD-RAM discs, refer to the user's manual for the player.

COPY PROTECTION

- Many DVD discs are encoded with copy protection. Because of this, you should only connect your DVD Recorder & VCR directly to your TV, not to a VCR. Connecting to a VCR results in a distorted picture from copy-protected DVD discs.
- This product incorporates copyright protection technology that is protected by methods claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.
- It is permissible to record television programmes, film, video tapes and other material only in the event that third party copyrights and other rights are not violated.

Protection

- Programme-protected: See page 70 "Locking a Title"
- Disc-protected : See page 76 "Disc Protection"
- DVD-RAM/DVD±RW/DVD±R discs that are incompatible with the DVD-VIDEO format can not be played with this product.
- For more information on DVD recording compatibility, consult your DVD-RAM/DVD±RW/DVD±R manufacturer.
- Use of poor quality DVD-RAM/DVD±RW/DVD±R discs may cause following unexpected problems including, without limitation, recording failure, loss of recorded or edited materials or damage to the recorder.

Do not use the following discs!

- LD, CD-G, CD-I, CD-ROM, DVD-ROM discs should not be used in this product.

[Note]

Disc types that can be played : CD/CD-RW/-R/MP3/JPEG/DVD-Video/DVD-RAM/DVD±RW/DVD±R.
For a DVD-RW/-R disc, which has been recorded in Video Mode on another component, it can play only when finalised.

- Some commercial discs and DVD discs purchased outside your region may not be playable with this product. When these discs are played, either "No Disc." or "Playback prohibited by region code." will be displayed.
- If your DVD-RAM/DVD±RW/DVD±R disc is an illegal copy or is not in DVD video format, it may also not be playable.

Disc compatibility
- A 8X speed DVD+RW or greater disc can be played, but maximum recording speed is 4x.
- Not all brands of discs will be compatible with this unit.

getting started

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GENERAL FEATURES

- DVD-VR370

This unit allows you to record and playback high quality digital images on a DVD-RAM/DVD-RW/DVD-R disc. You can record and edit digital video on DVD-RAM/DVD-RW/DVD-R discs as if they were VCR tapes. (DVD+RW/DVD+R discs can be played, but cannot be recorded.)

- DVD-VR375

This unit allows you to record and playback high quality digital video on DVD-RAM/DVD±RW/DVD±R discs. You can record and edit digital video on DVD-RAM/DVD±RW/DVD±R discs as if they were VCR tapes.

High quality digital audio and video recording and playback

You can record up to approximately 16-hours of video on a double side 9.4 GB DVD-RAM disc,up to 15-hours on a dual-layer 8.5GB DVD±R disc, and up to 8-hours on a 4.7GB DVD-RAM/DVD±RW/DVD±R disc, depending on the recording mode.

Creating a DVD video title using DVD±RW/±R disc

With the DVD Recorder & VCR, you can create your own DVD Video titles on 4.7 GB DVD±RW/±R or 8.5GB DVD±R discs.

A Variety of Recording Options

You can set your DVD Recorder & VCR to one of eight different recording modes, each varying in recording quality and length. Select a recording mode according to the time and picture quality you need.
For example, if picture quality is your top priority, select “HQ” (high quality). If recording time is your priority, “SLP” may be a possible choice. Dual layer DVD±Rs have approximately double the capacity of single layer DVD±Rs.

Dubbing data from a digital camcorder using a DV input jack

Record digital camcorder images onto DVD-RAM/DVD±RW/DVD±R discs using the DV input jack (IEEE 1394-4pin/4pin). (See pages 59) (DVD-VR375 only)

High quality progressive scan

Progressive scanning provides high resolution and flicker free video. The 10-bit 54-MHz DAC and 2D Y/C Separating Circuitry provides the highest image playback and recording quality. (See page 32) Component progressive scan output video is available in both DVD and VCR modes.

When the HDMI cable is connected, 'off' can not be selected. (See page 33) (DVD-VR375 only)

A variety of functions with easy-to-use user interface

Integrated menu system and messaging functionality allow you to perform the desired operations easily and conveniently. With a DVD-RAM/DVD-RW/DVD-R(VR mode) disc, you can edit recorded images, create playlist, and edit images in specific sequence according to your needs.

DivX Certification

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- Official DivX® Certified product
- Plays all versions of DivX® video (including DivX® 6) with standard playback of DivX® media files

HDMI (High Definition Multimedia Interface)

HDMI reduces picture noise by allowing a pure digital video/audio signal path from the DVD Recorder & VCR to your TV. (DVD-VR375 only)

EZ Record Mode

This function allows you initialise and Finalise a disc automatically. (See page 38)

BEFORE READING THE USER'S MANUAL

Make sure to check the following terms before reading the user's manual.

Icons that will be used in manual

Icon	Term	Definition
DVD-VIDEO	DVD	This involves a function available on DVD or DVD-RW(V)/DVD-R(V)/+R discs that have been finalised.
DVD-RAM	RAM	This involves a function available on DVD-RAM.
DVD-RW	-RW	This involves a function available on DVD-RW.
DVD-R	-R	This involves a function available on DVD-R.
DVD+RW	+RW	This involves a function available on DVD+RW.
DVD+R	+R	This involves a function available on DVD+R.
CD	CD	This involves a function available on a data CD (CD-RW or CD-R).
JPEG	JPEG	This involves a function available on DVD-RAM/DVD±RW/±R discs.
MP3	MP3	This involves a function available on DVD-RAM/DVD±RW/±R discs.
MPEG4	MPEG4	This involves a function available in a data DVD-RAM/DVD±RW/DVD±R discs.
	VHS	This involves a function available in VIDEO Tape.
!	Caution	This involves a case where a function does not operate or settings may be cancelled.
✎	NOTE	This involves tips or instructions on the page that help each function operate.
	One-Touch button	A function that can be operated by using only one button.
ANYKEY	ANYKEY button	A function that can be operated by using ANYKEY button.

About the use of this user's manual

1) Be sure to be familiar with Safety Instructions before using this product. (See pages 2~7)
2) If a problem occurs, check the Troubleshooting. (See pages 80~82)

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getting started

HOW TO USE THE DVD RECORDER & VCR

Step 1 : Select the disc type

Please check available disc type before recording.

- DVD-VR370

DVD RAM DVD RW DVD R

(DVD+RW/DVD+R discs can be played, but cannot be recorded.)

- DVD-VR375

DVD RAM DVD RW DVD R RW DVD+ReWritable RW DVD+R

If you want to repeatedly record on the same disc or you want to edit the disc after recording, select a rewritable DVD-RAM or DVD±RW type disc. If you want to save a recording without any changes, choose a non-rewritable DVD±R.

Step 2 : Format the disc to start recording

Unlike a VCR, the DVD Recorder & VCR starts formatting when an unused disc is inserted.

Using a DVD-RAM/±RW/+R

When an unused DVD-RAM/±RW/+R disc is first inserted, the message "Unformatted Disc. Formatting. Please wait." will be displayed.

Using a DVD-R

It is not necessary to format a new DVD-R disc. When it is inserted, it will operate in Video mode.
It can also be formatted in VR mode in the setup menu.
You can change the disc mode only once when an unused DVD-R disc is inserted.

- You can only use either the VR or Video mode on a DVD-RW/-R, but not both at the same time.
- You can format a DVD-RW/-R to V or VR mode using Disc Setting. It should be noted that the disc's data will be lost when changing formats.

Step 3 : Recording

There are two different recording methods, Direct Recording (recording a programme you are currently watching) and Timer Recording.
Timer recording is classified as follows : Recording mode : HQ (high quality mode), HSP, SP (standard quality mode), LSP, ESP, LP, EP, SLP (Long duration mode) according to the recording mode.
When recording is set in the AUTO mode, the best quality picture is recorded with regards to the remaining time on the disc.

Step 4 : Playing

To start playback, select the title you want to play from the title list.
A DVD consists of sections called titles, and sub sections called chapters.
During recording, a title is created between two points where you start and stop recording. Chapters will be created automatically regardless of the disc type when it is set at the setup menu.

Step 5 : Editing a recorded disc

Editing on discs is easier than conventional video tapes.
The recorder supports many different edit functions, possible only with DVDs.
With a simple and easy edit menu, you can operate various edit functions, such as delete, dubbing, rename, lock, etc., on a recorded title.

Creating a playlist (DVD-RAM/-RW/-R in VR mode)

With this DVD Recorder & VCR, you can create a new playlist on a disc and edit it without the original, pre-existing recording.

Step 6 : Finalising & Playing on other DVD components

To play your DVD on other DVD components, finalising may be necessary. First, finish all editing and recording operations, then finalise the disc.

When using a DVD-RW/-R disc in VR Mode

Although finalising is generally unnecessary when playing the disc on a VR Mode compatible component, a finalised disc should be used for playback.

When using a DVD-RW/-R disc in Video Mode

The disc should be finalised first to enable playback on anything other than this recorder.
No more editing or recording can be made on the disc once it has been finalised.
To enable recording on the disc again, the disc must be unfinalised.

When using a DVD+R disc

You should finalise the disc to play it on a component other than this DVD Recorder & VCR.
No more editing or recording can be made on the disc once it has been finalised.

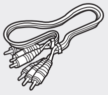
- You can finalise the disc automatically using **EZ Record**. (See page 38)

getting started

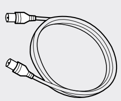
UNPACKING

Accessories

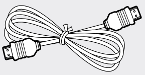
Check for the supplied accessories below.



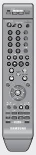
Video/Audio Cable



RF Cable for TV

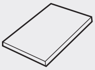


HDMI Cable

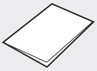


Remote Control

Batteries for Remote Control (AAA Size)



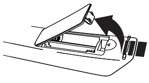
User's Manual



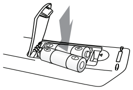
Quick Guide

Preparing the Remote Control

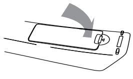
Installing batteries in the Remote Control



1. **Lift the cover at the back of the remote control upward as shown.**



2. **Install two AAA size batteries.** Make sure to match the “+” and “–” ends of the batteries with the diagram inside the compartment.



3. **Replace the cover.** Assuming typical TV usage, the batteries last for about one year.

If the remote does not operate properly :

- Check the polarity +/– of the batteries (Dry-Cell)
- Check if the batteries are drained.
- Check if remote sensor is blocked by obstacles.
- Check if there is any fluorescent lighting nearby.

Dispose of batteries according to local environmental regulations.
Do not put them in the household trash.

To determine whether your television is compatible, follow the instructions below.

1. Switch your television on.
2. Point the remote control towards the television.
3. Press and hold the **TV** button and enter the two-figure code corresponding to the brand of your television, by pressing the appropriate number buttons.

Controllable TV Codes

BRAND	SELECT NUMBER
SAMSUNG	TV +01, +02, +03, +04, +05, +06, +35
AKAI	TV +12
BANG & OLUFSEN	TV +22
BLAUPUNKT	TV +09
BRANDT	TV +14
BRIONVEGA	TV +22
CGE	TV +21
CONTINENTAL EDISON	TV +24
FERGUSON	TV +14
FINLUX	TV +02, +17, +21
FISHER	TV +12
FORMENTI	TV +22
GRUNDIG	TV +09, +17, +21
HITACHI	TV +11, +13, +14, +24
IMPERIAL	TV +21
JVC	TV +32
LG	TV +02, +30
LOEWE	TV +02
LOEWE OPTA	TV +02, +22
METZ	TV +22
MITSUBISHI	TV +02, +16
MIVAR	TV +21, +29
NOKIA	TV +23
NORDMENDE	TV +13, +14, +22, +24
PANASONIC	TV +08, +23, +24, +25, +26, +27
PHILIPS	TV +02, +20, +22
PHONOLA	TV +02, +20, +22
PIONEER	TV +14, +23
RADIOLA	TV +02, +20
RADIOMARELLI	TV +22
REX	TV +23
SABA	TV +13, +14, +22, +23, +24
SALORA	TV +23
SANYO	TV +12, +16
SCHNEIDER	TV +02
SELECO	TV +23
SHARP	TV +10, +16, +31
SIEMENS	TV +09
SINGER	TV +22
SINUDYNE	TV +22
SONY	TV +15, +16
TELEAVA	TV +14
TELEFUNKEN	TV +14, +24, +28
THOMSON	TV +13, +14, +24
THOMSON ASIA	TV +33, +34
TOSHIBA	TV +07, +16, +17, +18, +19, +21
WEGA	TV +22
YOKO	TV +02

Result : If your television is compatible with the remote control, it will switch off.
It is now programmed to operate with the remote control.

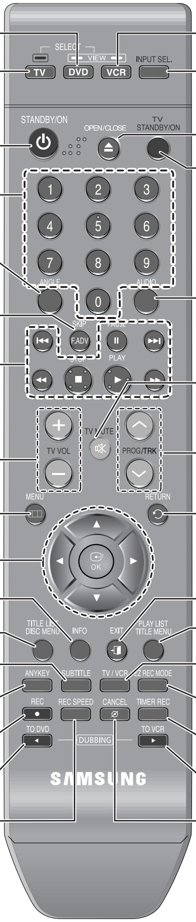
- If several codes are indicated for your television brand, try each one in turn until you find one that works.
- If you replace the remote control’s batteries, you must set the brand code again.

Then you can control the television using the following buttons after pressing the TV button.

Button	Function
TV STANDBY/ON	Used to switch the television on and off.
INPUT SEL.	Used to select an external source.
TV VOL (+ –)	Used to adjust the volume of the television.
PROG/TRK (∧ ∨)	Used to select the desired channel.
TV MUTE	Used to toggle the sound on and off.
Number	Used to input number directly.

TOUR OF THE REMOTE CONTROL

Your DVD Recorder & VCR remote control will work with Samsung televisions and compatible brands.


SELECT
VIEW
INPUT SEL.
TV
DVD
VCR
STANDBY/ON
OPEN/CLOSE
TV STANDBY/ON
1
2
3
4
5
6
7
8
9
ANGLE
0
AUDIO
SKIP
PAUSE
F.ADV
STEP
PLAY
TV MUTE
TV VOL
PROG/TRK
MENU
RETURN
OK
TITLE LIST DISC MENU
INFO
EXIT
PLAY LIST TITLE MENU
ANYKEY
SUBTITLE
TV / VCR
EZ REC MODE
REC
REC SPEED
CANCEL
TIMER REC
TO DVD
DUBBING
TO VCR
SAMSUNG

DVD Button
Press this when you use a DVD.

TV Button
Press this to operate TV.

STANDBY/ON Button

Number Button

ANGLE Button

F.ADV/SKIP Button

Playback-related Buttons
Forward/Rewind, Search, Skip, Stop, Play, Pause.

TV VOL (Volume) Button
TV volume adjustment.

MENU Button
Brings up the DVD Recorder & VCR's setup menu.

OK/Direction Buttons
(UP/DOWN or LEFT/RIGHT Buttons)
This button functions as a toggle switch.

INFO Button
This will display current setting or disc status.

TITLE LIST/DISC MENU Button
Press this to enter the Title List/Disc menu.

SUBTITLE Button
Press this to switch the DVD's subtitle language.

ANYKEY Button
Press this to view the status of the disc that is being played.

REC Button
Press this to make a recording on DVD-RAM/±RW/±R discs and VHS Video tape.

TO DVD DUBBING Button
Press this when you dubbing from the VCR to the DVD.

REC SPEED Button
Press this to set the desired recording time and picture quality.

VCR Button
Press this when you use a VCR mode.

INPUT SEL. Button
Select input signal in external input mode
[Prog., AV1, AV2 or DV input (DVD-VR375 only)].

OPEN/CLOSE Button
To open and close the disc tray.

TV STANDBY/ON Button

AUDIO Button
Use this to access various audio functions on a disc (DVD mode).

TV MUTE Button
This operates as sound mute (TV mode).

PROG/TRK Button
Press this to select a TV channel/Press this to remove the white line.

RETURN Button
Returns to previous menu.

EXIT Button

PLAY LIST/TITLE MENU Button
Press this to enter the Edit playlist/Title menu.

TV/VCR Button

EZ REC MODE Button

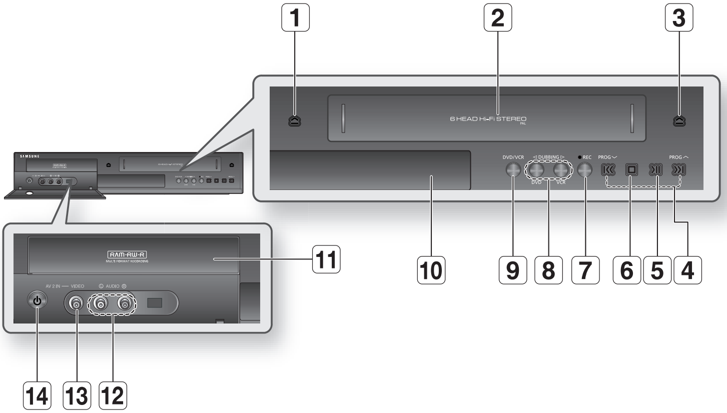
TIMER REC Button
Press this when you use Timer Recording.

TO VCR DUBBING Button
Press this when you dubbing from the DVD to the VCR.

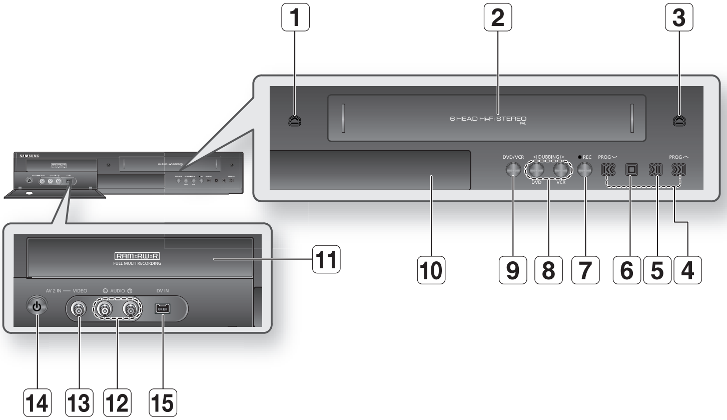
CANCEL Button

DESCRIPTION

Front Panel (DVD-VR370)

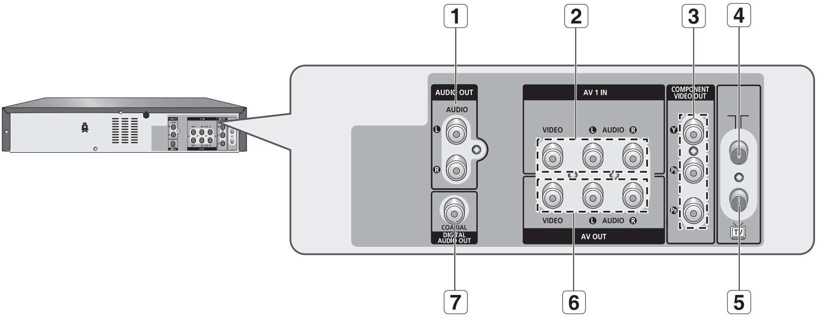

1
2
3
6 HEAD Hi-Fi STEREO
PAL
DVD/VCR
DUBBING
REC
PROG
DVD
VCR
11
10
9
8
7
6
5
4
RAM-RW-R
MULTI FORMAT RECORDING
AV 2 IN
VIDEO
AUDIO
14
13
12

Front Panel (DVD-VR375)

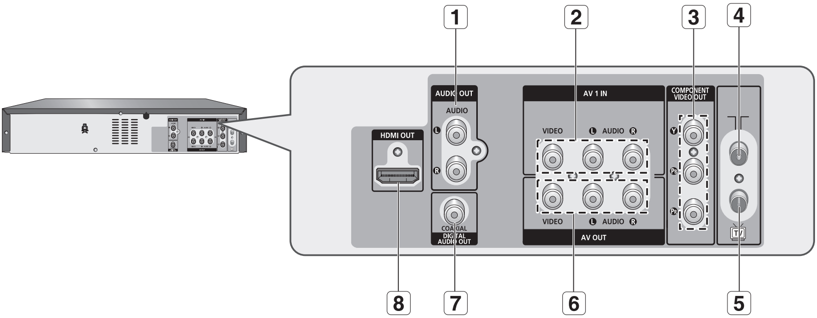

1
2
3
6 HEAD Hi-Fi STEREO
PAL
DVD/VCR
DUBBING
REC
PROG
DVD
VCR
11
10
9
8
7
6
5
4
RAM-RW-R
FULL MULTI RECORDING
AV 2 IN
VIDEO
AUDIO
DV IN
14
13
12
15

1	DVD OPEN/CLOSE BUTTON	2	VCR DECK	3	VCR EJECT BUTTON
4	PROG(∧/∨), SEARCH/SKIP BUTTON	5	PLAY/PAUSE BUTTON	6	STOP BUTTON
7	RECORD BUTTON	8	DUBBING BUTTONS	9	DVD/VCR SELECT BUTTON
10	FRONT PANEL DISPLAY	11	DVD DECK	12	AUDIO INPUT JACK (AV2 IN)
13	VIDEO INPUT JACK (AV2 IN)	14	STANDBY/ON BUTTON	15	DV IN JACK (DVD-VR375 only)

Rear Panel (DVD-VR370)


1
2
3
4
AUDIO OUT
AUDIO
L
R
COAXIAL
DIGITAL AUDIO OUT
AV 1 IN
VIDEO
AUDIO
AV OUT
COMPONENT VIDEO OUT
Y
PB
PR
TV
7
6
5

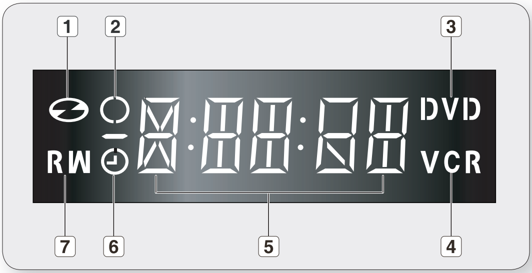
Rear Panel (DVD-VR375)


1
2
3
4
HDMI OUT
AUDIO OUT
AUDIO
L
R
COAXIAL
DIGITAL AUDIO OUT
AV 1 IN
VIDEO
AUDIO
AV OUT
COMPONENT VIDEO OUT
Y
PB
PR
TV
8
7
6
5

1 AUDIO L, R OUT JACKS	2 VIDEO/AUDIO JACK (AV1 IN)	3 COMPONENT VIDEO OUT JACKS
4 AERIAL IN CONNECTOR	5 OUT TO TV CONNECTOR	6 VIDEO/AUDIO JACK (AV OUT)
7 DIGITAL AUDIO OUT (COAXIAL)	8 HDMI OUT JACK (DVD-VR375 only)	

- The Antenna connection does not pass the output signal of the DVD Recorder & VCR.
  To watch output signal of the DVD Recorder & VCR, you must connect audio/video.

Front Panel Display



1	In Disc Indicator	2	Progressive Scan Indicator	3	DVD view Indicator
4	VCR view Indicator	5	STATUS Indicator	6	TIMER Indicator
7	Disc Media Indicator				

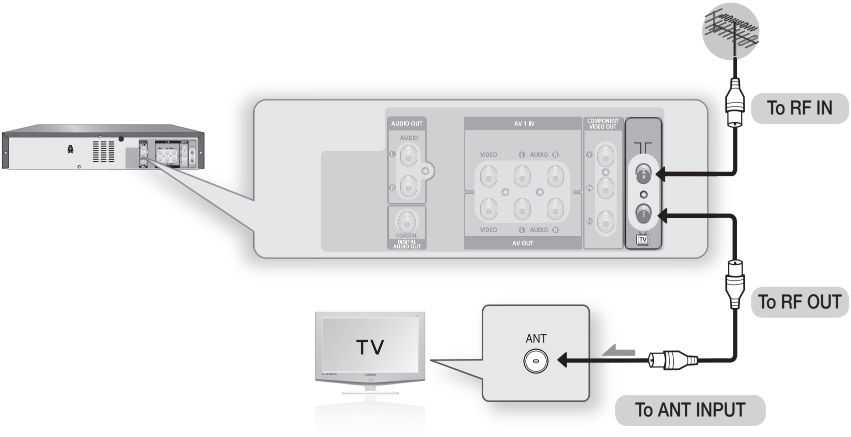
connecting & setting up

CONNECTING DVD RECORDER & VCR TO THE TV USING THE RF CABLE

- Make sure that both the television and the DVD Recorder & VCR are switched off before connecting the cables.

1. Remove the aerial or network input cable from the television.
2. Connect this cable to the 75Ω aerial jack marked ┐┌ on the rear of your DVD Recorder & VCR.
3. Plug the RF Cable supplied into the TV jack on your DVD Recorder & VCR.
4. Plug the other end of the RF Cable into the connector previously used for the aerial on the television.

- The RF cable connection of this product sends only signal of TV.
- You must connect Audio/Video cables to watch a DVD and Video tape from your DVD Recorder & VCR.


To RF IN
AUDIO OUT
AUDIO
COAXIAL
DIGITAL AUDIO OUT
AV 1 IN
VIDEO
AUDIO
AV OUT
COMPONENT VIDEO OUT
TV
To RF OUT
TV
ANT
To ANT INPUT

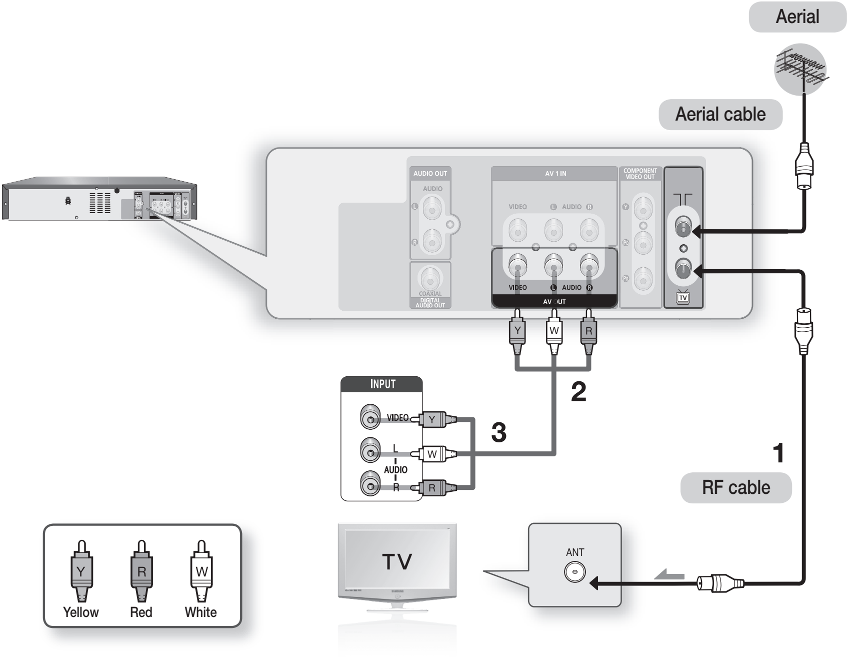
CONNECTING DVD RECORDER & VCR TO THE TV USING THE AUDIO/VIDEO CABLE

You can connect your DVD Recorder & VCR to the television using the Audio/Video cable if the appropriate input is available on the television. You thus:

- Obtain better quality sound and pictures
- Simplify the setting up procedure of your DVD Recorder & VCR

- ■ Regardless of the type of connection chosen, you must always connect the RF Cable supplied. Otherwise, no picture will be visible on the screen when the DVD Recorder & VCR is switched off.
- ■ Make sure that both the television and the DVD Recorder & VCR are switched off before connecting the cables.

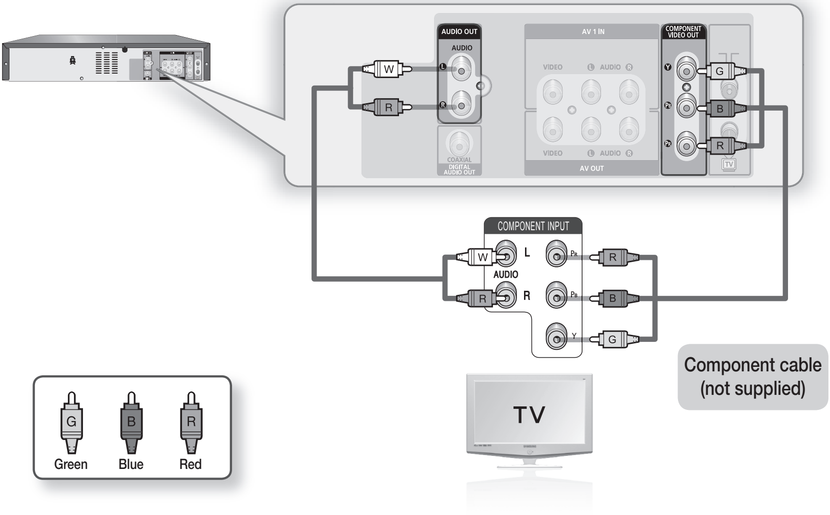
1. Connect the RF Cable.
2. Connect one end of the Audio/Video cable to the Video output and Audio L, R output jack on the rear of the DVD Recorder & VCR.
3. Plug the other end into the appropriate connector on the television.


Aerial
Aerial cable
AUDIO OUT
AUDIO
L
R
COAXIAL
DIGITAL AUDIO OUT
AV 1 IN
VIDEO
AUDIO
COMPONENT VIDEO OUT
VIDEO
AUDIO
AV OUT
TV
Y
W
R
2
INPUT
VIDEO
L
AUDIO
R
3
1
RF cable
TV
ANT
Y
R
W
Yellow
Red
White

CONNECTING THE COMPONENT VIDEO CABLE

You will enjoy high quality accurate colour reproduction images. Component video seperates the picture element into black and white(Y), blue(P_B), red(P_R) signals to present most clear and clean images.

1. Connect Component video cables between the **COMPONENT VIDEO OUT** jacks on the rear of the DVD Recorder & VCR and **COMPONENT VIDEO INPUT** jacks on the rear of the TV.
2. Connect audio cables between the audio output jacks on the rear of the DVD Recorder & VCR and **AUDIO IN** jacks on the rear of the TV.
   - Take care to respect the colour coding of the up and down channels.
   - Press the input selector on your TV remote control until the Component signal from the DVD Recorder & VCR appears on your TV screen.


AUDIO OUT
AUDIO
L
R
W
R
COAXIAL
DIGITAL AUDIO OUT
AV 1 IN
VIDEO
AUDIO
AV OUT
COMPONENT VIDEO OUT
Y
PB
PR
G
B
R
TV
COMPONENT INPUT
W
L
AUDIO
R
R
PR
PB
Y
R
B
G
Component cable (not supplied)
TV
G
B
R
Green
Blue
Red

- Make sure that the colour coded connections match. That is, the Y, P_B and P_R component output jacks of your DVD Recorder & VCR should be connected to the exact corresponding component input jacks on your TV. Otherwise, red or blue images will be displayed on the TV screen.
- Consumers should note that not all high definition television sets are fully compatible with this product and may cause artifacts to be displayed in the picture. In case of progressive scan picture problems, it is recommended that you switch the connection to the standard definition output. If there are questions regarding your Samsung TV set's compatibility with this DVD Recorder & VCR, please contact our customer service centre.

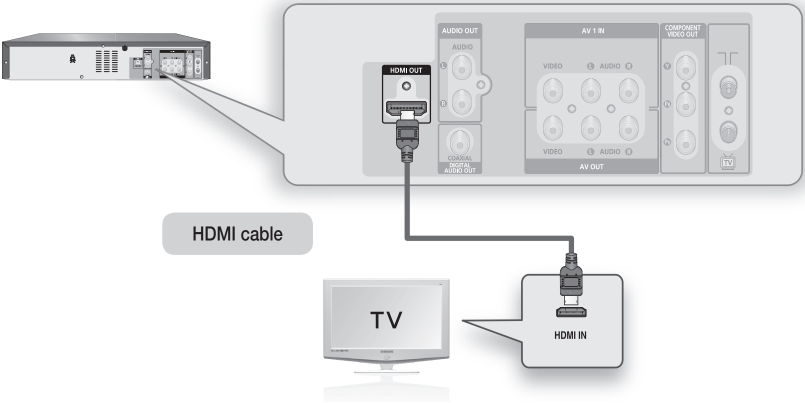
- See your TV User's Manual to find out if your TV supports Progressive Scan.
  If Progressive Scan is supported, follow the TV User's instructions regarding Progressive Scan settings in the TV's menu system.
- Depending on your TV, the method of connection may differ from the illustration above.
- What is "Progressive Scan"?
  Progressive scan has twice as many scanning lines as the interlace output method has.
  Progressive scanning method can provide better and clearer picture quality.
- You must connect the DVD Recorder & VCR to the component(s) before using the Progressive Scan feature.
- The Component jacks will not output video resolutions above 576p.
  To view 720p, 1080i and 1080p, connect the DVD Recorder & VCR to your TV with the HDMI cable. (DVD-VR375 only)

CONNECTING HDMI/DVI TO A TV (DVD-VR375 ONLY)

If your TV has an HDMI/DVI input, connect the HDMI/DVI cable to the TV. You will enjoy the best quality images and sounds.

Case 1 : Connecting to a TV with HDMI Jack

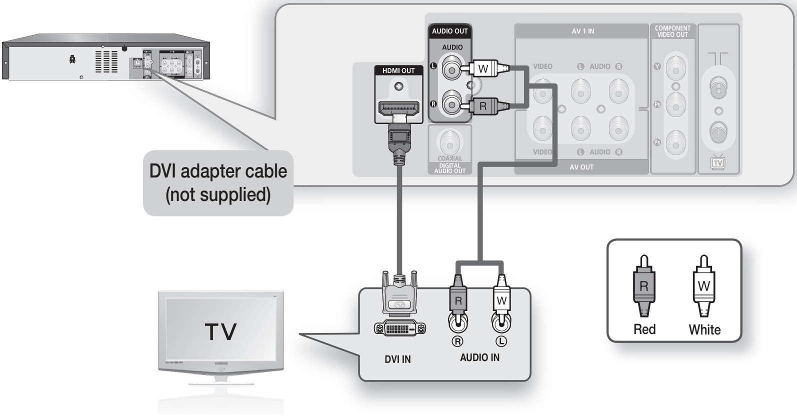
- Using the HDMI cable, connect the **HDMI OUT** jack on the rear of the DVD Recorder & VCR to the **HDMI IN** jack of your TV.
- Press the input selector on your TV remote control until the HDMI signal from the DVD Recorder & VCR appears on your TV screen.



- If the DVD Recorder & VCR is connected to your TV in HDMI 1080p output mode, you must use High speed(category2) HDMI cable.

Case 2 : Connecting to a TV with DVI Jack

- Using the DVI Adapter Cable, connect the **HDMI OUT** jack on the rear of the DVD Recorder & VCR to the **DVI IN** jack of your TV.
- Using the audio cables, connect the **AUDIO (red and white) OUT** jacks on the rear of the DVD Recorder & VCR to the **AUDIO (red and white) IN** jacks of your TV. Turn on the DVD Recorder & VCR and TV.
- Press the input selector on your TV remote control until the DVI signal from the DVD Recorder & VCR appears on your TV screen.



- Depending on the HDMI device (TV/HDMI Receiver) you use, audio may not be supported. If TV does not support Dolby digital/DTS, Audio output is not available when you set Digital output as Bitstream or select DTS On in Audio setup menu. In this case, set the digital audio output to PCM or DTS off.
- If you connect the HDMI cable between Samsung TV, you can operate easily DVD Recorder & VCR using the TV remote control. (This is only available with Samsung TVs that support Anynet+(HDMI-CEC).) (See pages 38~39)
- Please check the Anynet+ logo (If your TV has an Anynet+ logo, then it supports Anynet+ function.)

- To change HDMI output resolution, see page 32.
- **HDMI (High Definition Multimedia Interface)**
  HDMI is an interface to enable the digital transmission of video and audio data with just a single connector.
  Since HDMI is based on DVI, it is completely compatible with DVI. The only difference between HDMI and DVI is that HDMI supports multi-channel audio.
  Using HDMI, the DVD Recorder & VCR transmits a digital video and audio signal and displays a vivid picture on a TV having an HDMI input jack.
- **HDMI connection description**
  HDMI connector - Both uncompressed video data and digital audio data (LPCM or Bit Stream data).
  - Though the DVD Recorder & VCR uses an HDMI cable, the DVD Recorder & VCR outputs only a pure digital signal to the TV.
  - If TV does not support HDCP (High-bandwidth Digital Content Protection), snow noise appears on the screen.
- **Why does Samsung use HDMI?**
  Analog TVs require an analog video/audio signal. However, when playing a DVD, the data transmitted to a TV is digital. Therefore either a digital-to-analog converter (in the DVD Recorder & VCR) or an analog-to-digital converter (in the TV) is required. During this conversion, the picture quality is degraded due to noise and signal loss. HDMI technology is superior because it requires no D/A conversion and is a pure digital signal from the DVD Recorder & VCR to your TV.
- **What is the HDCP?**
  HDCP (High-bandwidth Digital Content Protection) is a system for protecting DVD content outputted via HDMI from being copied. It provides a secure digital link between a video source (PC, DVD, etc) and a display device (TV, projector, etc). Content is encrypted at the source device to prevent unauthorized copies from being made.

AV RECEIVER CONNECTIONS

To take full advantage of the movie theatre experience that DVD offers, you may want to connect your DVD Recorder & VCR to a complete Surround Sound system, including an A/V Receiver and six Surround Sound speakers.
If your A/V receiver is equipped with a Dolby Digital Decoder, you have the option to bypass the DVD Recorder & VCR's built-in Dolby Digital Decoder.
Use the Digital Audio Out connection below.
To enjoy Dolby digital or DTS sound, you must set up the audio settings. (See page 34)

Manufactured under license under U.S. Patent #: 5,451,942 & other U.S. and worldwide patents issued & pending. DTS and DTS Digital Out are registered trademarks and the DTS logos and Symbol are trademarks of DTS, Inc.
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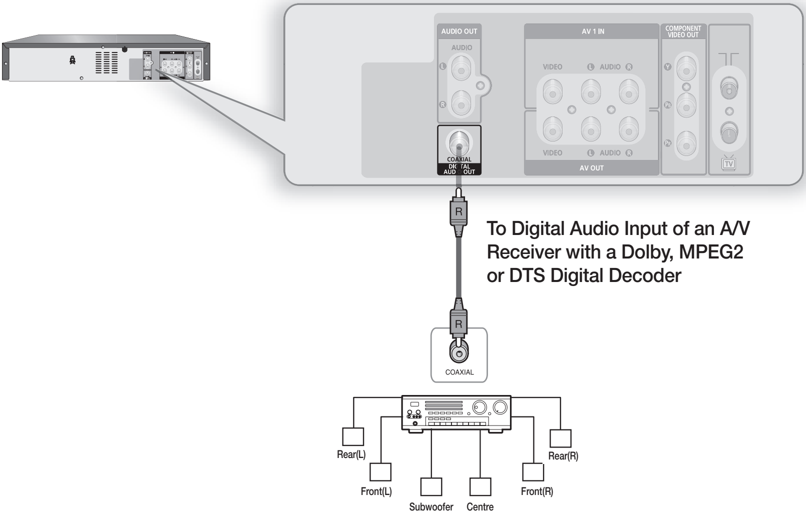
Manufactured under licence from Dolby Laboratories.

"Dolby" and the double-D symbol are trademarks of Dolby Laboratories.

1. Connect a Digital Audio coaxial cables from the Digital Audio Out jacks on the rear panel of the DVD Recorder & VCR to their corresponding Digital Audio Input jacks on your A/V Receiver :


AUDIO OUT
AUDIO
L
R
COAXIAL DIGITAL AUDIO OUT
AV 1 IN
VIDEO
AUDIO
AV OUT
COMPONENT VIDEO OUT
Y
PB
PR
TV
R
R
COAXIAL
Rear(L)
Rear(R)
Front(L)
Front(R)
Subwoofer
Centre

To Digital Audio Input of an A/V Receiver with a Dolby, MPEG2 or DTS Digital Decoder

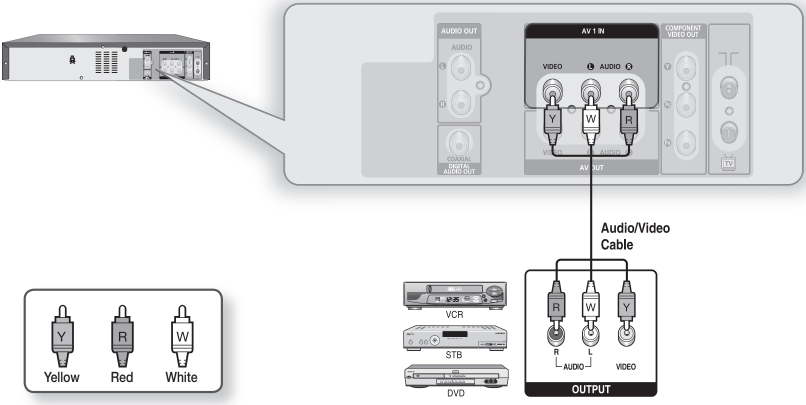
CONNECTING EXTERNAL DEVICES

This allows you to connect your DVD Recorder & VCR to other external devices and view or record their outputs.

- Case 1 : Connecting a VCR, Set-Top Box(STB) or DVD Recorder & VCR to the AUDIO/VIDEO AV 1 IN jacks.
- Case 2 : Connecting a Camcorder to the AV 2 IN in jacks.
- Case 3 : Connecting a DV Device to the DV IN jack

Case1 : Connecting a VCR, Set-Top Box(STB) or DVD Recorder & VCR to the AUDIO/VIDEO AV 1 IN jacks

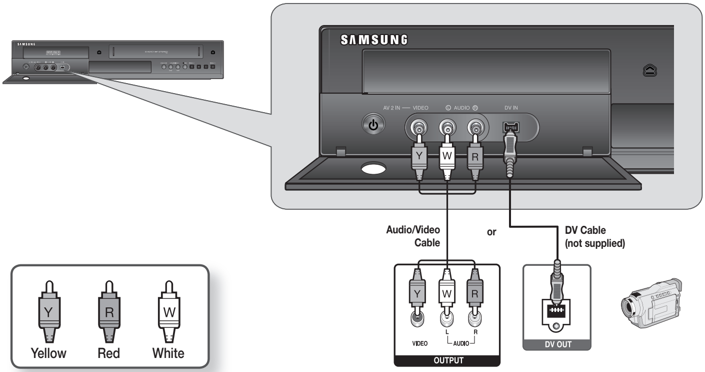
Connecting a VCR or external device to AUDIO/VIDEO AV 1 IN jacks of the DVD Recorder & VCR.
You can record from connected equipment (VCR, STB or DVD).


AUDIO OUT
AUDIO
L
R
COAXIAL
DIGITAL AUDIO OUT
AV 1 IN
VIDEO
L AUDIO R
Y
W
R
VIDEO
AUDIO
AV OUT
COMPONENT VIDEO OUT
TV
Audio/Video Cable
VCR
STB
DVD
R
W
Y
R
L
AUDIO
VIDEO
OUTPUT
Y
R
W
Yellow
Red
White

- You can also use the AV 2 IN jacks on the front panel of the DVD Recorder & VCR.
- Copy protected content cannot be recorded.

Case 2 : Connecting a Camcorder to the AV 2 IN jacks

You can use the AV 2 IN jacks on the front panel of the DVD Recorder & VCR. You can record from connected equipment.


SAMSUNG
AV 2 IN — VIDEO
AUDIO
DV IN
Y
W
R
Audio/Video Cable
or
DV Cable (not supplied)
Y
W
R
L
R
VIDEO
AUDIO
OUTPUT
DV OUT
Y
R
W
Yellow
Red
White

Case 3 : Connecting a DV Device to the DV IN jack (DVD-VR375 only)

If your DV Device has a DV output jack, connect it to the DV input jack of your DVD Recorder & VCR.

- If your camcorder has a DV output jack, see page 59 for more information.

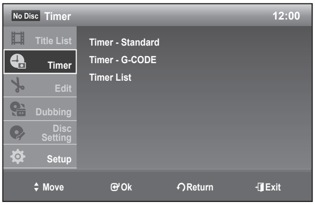
- If the input is not selected automatically, use **INPUT SEL.** button to select proper input.

system setup

ON-SCREEN MENU NAVIGATION

The on-screen menus allow you to enable or disable various functions on your DVD Recorder & VCR.
Press the MENU button to open the on-screen menu and then use the following buttons to navigate through the on screen menus.

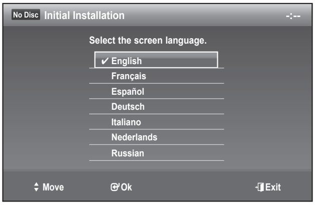
1. ▲▼ Buttons
   Press these buttons on the remote control to move the selection bar ▲▼ to cycle through the menu options.
2. **OK** Button
   Press this button on the remote control to confirm any new settings.
3. **RETURN** Button
   Press this button on the remote control to return to the Previous menu screen displayed or to exit the on-screen menu.
4. **EXIT** Button
   Press this button to exit the on-screen menu.


No Disc
Timer
12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
Timer - Standard
Timer - G-CODE
Timer List
Move
Ok
Return
Exit

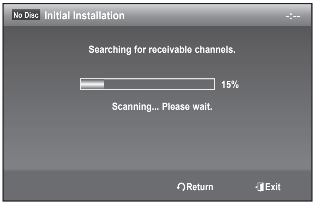
PLUG & AUTO SETUP

Your DVD Recorder & VCR will automatically set itself up when it is plugged in for the first time.
TV stations and clock will be stored in memory. The process takes a few minutes.
Your DVD Recorder & VCR will then be ready for use.

1. Connect the RF cable as indicated on page 20.
   - Connecting Your DVD Recorder & VCR to the TV using the RF Cable and Audio/Video cable.
2. Plug the DVD Recorder & VCR into the mains.
   - “Auto” in the front panel display flickers.
3. Press the ▲▼ buttons to select the desired language, then press the **OK** button.
4. Start the auto scanning and then, searching for clock data.
5. Check the date and time.
   - if it is : Correct
     Press **OK** button then the data and time will be saved.
   - if it is : Incorrect
     Refer to “Clock Set” (See page 30) menu, when you want to change the date and time.


No Disc
Initial Installation
-:--
✔ English
Français
Español
Deutsch
Italiano
Nederlands
Russian
Move
Ok
Exit

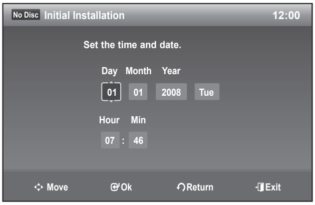
Select the screen language.


No Disc
Initial Installation
-:--
Return
Exit

Searching for receivable channels.

15%

Scanning... Please wait.


No Disc
Initial Installation
12:00
Move
Ok
Return
Exit

Set the time and date.

Day 01 Month 01 Year 2008 Tue

Hour 07 : Min 46

TUNER PRESET

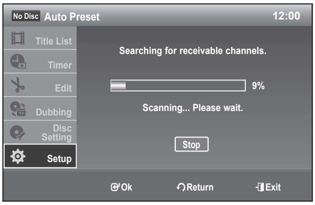
1. With the unit in Stop mode/No Disc mode, press the **MENU** button.
2. Press the ▲▼ buttons to select **Setup**, then press the **OK** button.
3. Press the ▲▼ buttons to select **Tuner Preset**, then press the **OK** button.

Auto Preset

You do not need to preset the stations if you have already set them automatically (See Plug & Auto Setup on page 28).
Your DVD Recorder & VCR contains a built-in tuner used to receive television broadcasts.
You must preset the stations received through the tuner.
This can be done by:

- Plug & Auto Setup (See page 28)
- Tuner Preset

To setup, follow steps 1~3



Searching for receivable channels.

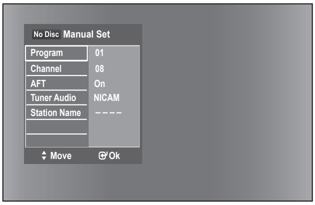
Scanning... Please wait.

1. Press the ▲▼ buttons to select **Auto Preset**, then press the **OK** button.
   - The first frequency band is scanned and the station found first is displayed and stored.
     The DVD Recorder & VCR then searches for the second station and so on.
   - When the automatic scanning procedure has finished, the DVD Recorder & VCR switches automatically to programme 1.
   - The number of stations automatically stored by the DVD Recorder & VCR depends on the number of stations that it has found.
2. If you wish to cancel the auto scanning before the end, press the **OK** button.
   - The time and date are set automatically from the broadcast signal. If the signal is weak or ghosting occurs, the time and date may not be set automatically.
   - Once the auto scanning procedure has finished, some stations may have been stored more than once; select the stations with the best reception and delete the ones no longer required.

Manual Set

If you have already set the stations automatically, you do not need to preset them manually.

To setup, follow steps 1~3



Program 01
Channel 08
AFT On
Tuner Audio NICAM
Station Name ––––

1. Press the ▲▼ buttons to select **Manual Set**, then press the **OK** button.
2. Press the ▲▼ buttons to select the desired options, then press the **OK** button.

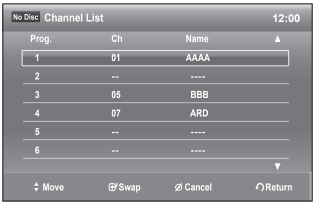
- **Program** : Press ▲▼ repeatedly to select the programme position (01 to 99) for the channel and press the **OK** button.
- **Channel** : Tune the channel using ▲▼ buttons.
- **AFT** : Fine tunes the channel to obtain a clearer picture.
  If the picture is not clear, select "Off" and press the **OK** button.
  When the fine tuning bar appears, press the ◄ ► buttons to obtain a clearer picture, then press the **OK** button.
- **Tuner Audio** : Sets the channels for the NICAM broadcast.
  Normally, select "NICAM." If the sound from the NICAM broadcast is not clear, select "Standard" and then press the **OK** button.
- **Station Name** : Display station name automatically detected in broadcasting signal. If not detected, you can edit name by using ▲▼◄ ► buttons.

Channel List

You can swap or delete the desired channel in the channel list.

To setup, follow steps 1~2 on page 29.

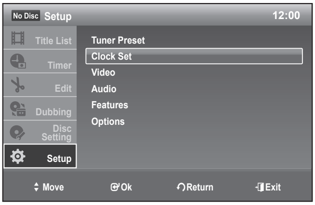
3. Press the ▲▼ buttons to select **Channel List**, the press the **OK** button.
   The list of all the preset channels appears.
   - **Swap** : Select the channel you want to swap by pressing the ▲▼ buttons, then press the **OK** button.
     Move the channel by press the ▲▼ buttons, then press the **OK** button.
   - **Delete** : Select the channel you want to delete by pressing the ▲▼ buttons, then press the **CANCEL** button.


No Disc
Channel List
12:00
▲
▼
Move
Swap
Cancel
Return

Prog.	Ch	Name
1	01	AAAA
2	--	----
3	05	BBB
4	07	ARD
5	--	----
6	--	----

CLOCK SET

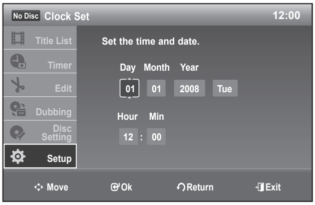
1. With the unit in Stop mode, press the **MENU** button.
2. Press the ▲▼ buttons to select **Setup**, then press the **OK** button.
3. Press the ▲▼ buttons to select **Clock Set**, then press the **OK** button.


No Disc
Setup
12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
Tuner Preset
Clock Set
Video
Audio
Features
Options
Move
Ok
Return
Exit

Present Time

To setup, follow steps 1~3 on page 30.

4. Press the ▲▼ buttons to select **Present Time**, then press the **OK** button.
   Use the ▲▼◄ ► buttons to input Time, Date or Year.
   Use number buttons to input clock data directly.
5. Press the **OK** button, then the date and time will be saved.
   If you don’t press the **OK** button, it will not be saved.



No Disc Clock Set 12:00

Set the time and date.

Day Month Year: 01 01 2008 Tue

Hour Min: 12 : 00

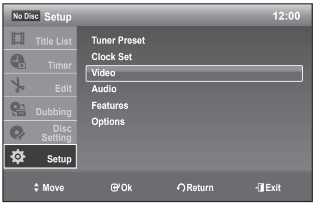
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
Move
Ok
Return
Exit

- You must have the RF cable connected to set the Auto Adjust. (See page 20)
- The DVD Recorder & VCR automatically sets the clock according to the time signal broadcast between the channels PR1 to PR5. If you do not need the “Auto Adjust”, function, select “Off”.

SETTING UP THE VIDEO OPTIONS

This function allows you to setup the video setting.
This function depends on disc type. It may not work for some disc types.

1. With the unit in Stop mode, press the **MENU** button.
2. Press the ▲▼ buttons to select **Setup**, then press the **OK** button.
3. Press the ▲▼ buttons to select **Video**, then press the **OK** button. Video setup menu will be displayed.
4. Press the ▲▼ buttons to select the desired video option, then press the **OK** button.
5. Press the ▲▼ buttons to select the desired item, then press the **OK** button.



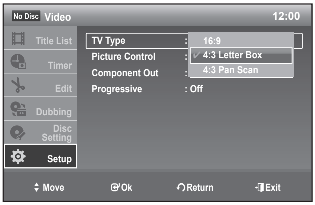
No Disc Setup 12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
Tuner Preset
Clock Set
Video
Audio
Features
Options
Move
Ok
Return
Exit

- Press the **RETURN** button to return to the previous menu.
  Press the **EXIT** (⊡) button to exit the menu.

TV Type

Depending on the type of television you have, you may want to adjust the screen setting. (aspect ratio)

- **16:9** : You can view the full 16:9 picture on your wide screen TV.
- **4:3 Letter Box** : Select when you want to see the total 16:9 ratio screen DVD supplies, even though you have a TV with a 4:3 ratio screen. Black bars will appear at the top and bottom of the screen.
- **4:3 Pan Scan** : Select this for conventional size TV when you want to see the central portion of the 16:9 screen. (Extreme left and right side of movie picture will be cut off.)



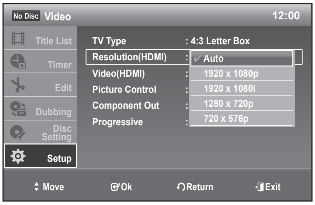
No Disc Video 12:00

TV Type :
Picture Control :
Component Out :
Progressive : Off

Title List
Timer
Edit
Dubbing
Disc Setting
Setup
16:9
✓ 4:3 Letter Box
4:3 Pan Scan
Move
Ok
Return
Exit

Resolution (HDMI) (DVD-VR375 only)

This setting is used when the unit is connected by HDMI or DVI to Display devices (TV, Monitor, etc).


No Disc Video
12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
Auto
1920 x 1080p
1920 x 1080i
1280 x 720p
720 x 576p
Move
Ok
Return
Exit

TV Type : 4:3 Letter Box
Resolution(HDMI) : ✓ Auto
Video(HDMI) :
Picture Control :
Component Out :
Progressive :

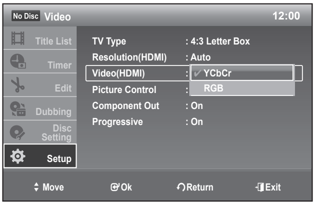
- **576p** : 720 x 576
- **720p** : 1280 x 720
- **1080i** : 1920 x 1080i
- **1080p** : 1920 x 1080p
- **Auto** : It will be set to the possible maximum resolution supported by the TV.
- Connect the DVD-VR375 to your TV via HDMI or DVI. Set your TV's input to HDMI or DVI.

  → 576p → 720p → 1080i → 1080p

  - If the DVD Recorder is connected to your TV with Component cables (no HDMI/DVI cable connected), the output resolution mode toggles between 576p/576i.
  - You can also watch VCR output through HDMI (Video is upscaled to a maximum 1080p).

Video (HDMI) (DVD-VR375 only)

Selects the type of output from the HDMI/OUT jack.

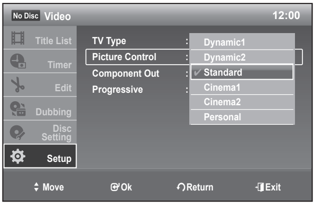

No Disc Video
12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
YCbCr
RGB
Move
Ok
Return
Exit

TV Type : 4:3 Letter Box
Resolution(HDMI) : Auto
Video(HDMI) : ✓ YCbCr
Picture Control :
Component Out : On
Progressive : On

- **YCbCr** : Normally, select this when connecting to an HDMI device.
- **RGB** : Gives brighter colours and deeper black. Select this if colours are weak.

Picture Control

Selects the picture control for the video signals output from the AV output jacks. You can adjust the DVD video signal from the recorder to obtain the picture quality you want.
Select the setting that best suits the programme you are watching.


No Disc Video
12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
Dynamic1
Dynamic2
Standard
Cinema1
Cinema2
Personal
Move
Ok
Return
Exit

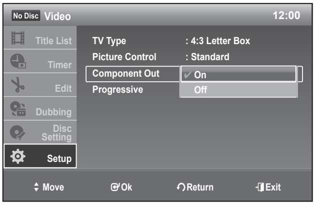
TV Type :
Picture Control : ✓ Standard
Component Out :
Progressive :

- This function can only be used when you have the Video Out(AV out) jacks connected and does not work with Component and HDMI.
- **Dynamic 1** : Produces a bold dynamic picture by increasing the picture contrast and the colour.
- **Dynamic 2** : Produces a more dynamic picture than “Dynamic 1” by further increasing the picture contrast and the colour.
- **Standard** : Displays a standard picture (function turned off).
- **Cinema 1** : White colours become brighter and black colours become richer,and the colour contrast is increased.
- **Cinema 2** : Enhances detail in dark areas by increasing the black level.
- **Personal** : Adjusts Contrast, Brightness, Colour and Hue using ▲▼◄► buttons.

Component Out

Selects whether or not to output video signals from the **COMPONENT VIDEO OUT** jacks.

- **On** : Outputs the component video signals. Select this when you want to view progressive signals.
- **Off** : Outputs no signals.


No Disc
Video
12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
Move
Ok
Return
Exit

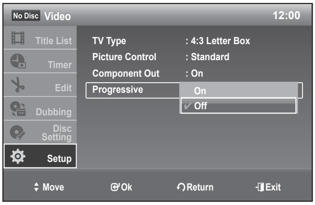
TV Type : 4:3 Letter Box
Picture Control : Standard
Component Out ✓ On
Progressive Off

- When you set "AV 1 Output" to "RGB," you cannot set "Component Out" to "On."
- When you connect the recorder to a monitor or projector via only the COMPONENT VIDEO OUT jacks, do not select "Off", as the picture will not appear.

Progressive Scan

This function is available when video output is component. This setting enables you to select a desired progressive mode. To view "Progressive scan mode", first connect the component cable. (See page 22) Be sure the Component cables are connected properly.

- **On**
- **Off**


No Disc
Video
12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
Move
Ok
Return
Exit

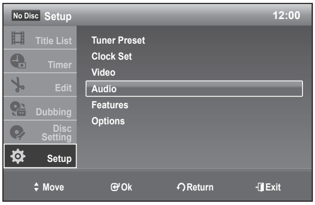
TV Type : 4:3 Letter Box
Picture Control : Standard
Component Out : On
Progressive On
✓ Off

- When the HDMI cable is connected, "Off" can not be selected. (DVD-VR375 only)
- Progressive setting is only available when the Recorder is in stop mode.

SETTING UP THE AUDIO OPTIONS

This function allows you to setup the Audio options.

1. With the unit in Stop mode, press the **MENU** button.
2. Press the ▲▼ buttons to select **Setup**, then press the **OK** button.
3. Press the ▲▼ buttons to select **Audio**, then press the **OK** button.
4. Press the ▲▼ buttons to select the desired audio option, then press the **OK** button.
5. Press the ▲▼ buttons to select the desired item, then press the **OK** button.


No Disc
Setup
12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
Tuner Preset
Clock Set
Video
Audio
Features
Options
Move
Ok
Return
Exit

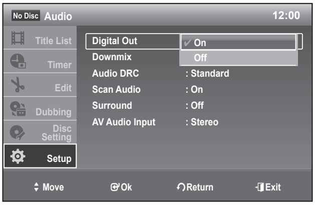
- Press the **RETURN** button to return to the previous menu.
  Press the **EXIT** (⊙) button to exit the menu.

Digital Out

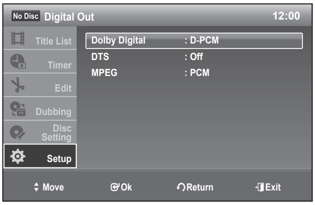
Selects audio options for signals output from the DIGITAL AUDIO OUT (COAXIAL).

The following setup items switches the method of outputting audio signals when you connect a component such as an amplifier (receiver) with a digital input jack. For connection details, see "AV Receiver Connections" on page 28.

- If you connect a component that does not accept the selected audio signal, a loud noise (or no sound) will come out from the speakers, and may affect your ears or cause speaker damage.


No Disc
Audio
12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
Move
Ok
Return
Exit

Digital Out ✓ On / Off
Downmix
Audio DRC : Standard
Scan Audio : On
Surround : Off
AV Audio Input : Stereo


No Disc
Digital Out
12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
Move
Ok
Return
Exit

Dolby Digital : D-PCM
DTS : Off
MPEG : PCM

Dolby Digital (DVDs only)

Selects the type of Dolby Digital signal.

- **D-PCM** : Select this when the recorder is connected to an audio component that does not have a built-in Dolby Digital decoder.
- **Dolby Digital** : Select this when the recorder is connected to an audio component with a built-in Dolby Digital decoder.

DTS (DVD VIDEOs only)

Selects whether or not to output DTS signals.

- **On** : Select this when the recorder is connected to an audio component with a built-in DTS decoder.
- **Off** : Select this when the recorder is connected to an audio component without a built-in DTS decoder.

MPEG (DVD VIDEOs only)

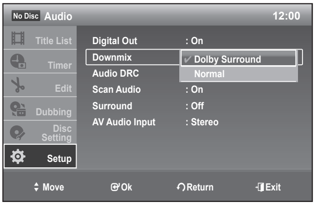
Selects the type of MPEG audio signal.

- **PCM** : Select this when the recorder is connected to an audio component without a built-in MPEG decoder. If you play MPEG audio sound tracks, the recorder outputs stereo signals.
- **MPEG** : Select this when the recorder is connected to an audio component with a built-in MPEG decoder.

Downmix (DVDs only)

Switches the method for mixing down to two channels when you play a DVD which has rear sound elements (channels) or is recorded in Dolby Digital format.

- **Dolby Surround** : Select this setting to enjoy Multi-channel DVDs over two channels.
- **Normal** : Multi-channel audio signals are downmixed to two channels for use with your stereo.


No Disc
Audio
12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
Move
Ok
Return
Exit

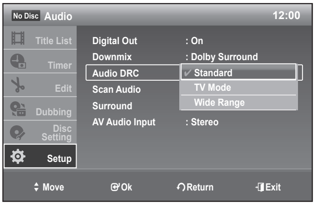
Digital Out : On
Downmix : ✓ Dolby Surround / Normal
Audio DRC
Scan Audio : On
Surround : Off
AV Audio Input : Stereo

- To enjoy the surround effect of Dolby Digital, turn off the surround settings of this recorder.

Audio DRC (Dynamic Range Control) (DVDs only)

Makes the sound clearer when the volume is turned down when playing a DVD that conforms to Audio DRC.

- **Standard** : Normal setting
- **TV Mode** : Makes low sounds clear even if you turn the volume down.
- **Wide Range** : Gives you the feeling of being at a live performance.

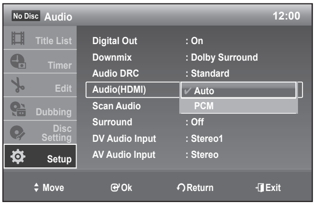

No Disc
Audio
12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
Move
Ok
Return
Exit

Digital Out : On
Downmix : Dolby Surround
Audio DRC : ✓ Standard / TV Mode / Wide Range
Scan Audio
Surround
AV Audio Input : Stereo

Audio (HDMI) (DVD-VR375 only)

Selets the output method from the HDMI OUT jack.

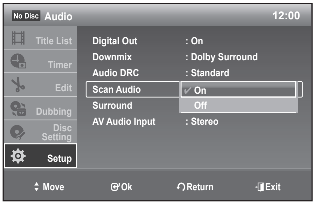
- **Auto** : Normal setting. Outputs audio signals according to the status of the connected HDMI device. If the HDMI OUT jack is connected to equipment not compatible with Dolby Digital, PCM will automatically be output, even when “Dolby Digital” is selected.
- **PCM** : Converts all audio signals to Linear PCM.


No Disc
Audio
12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
Move
Ok
Return
Exit

Digital Out : On
Downmix : Dolby Surround
Audio DRC : Standard
Audio(HDMI) : ✓ Auto / PCM
Scan Audio
Surround : Off
DV Audio Input : Stereo1
AV Audio Input : Stereo

Scan Audio (DVDs only)

- **On** : Outputs audio signals during FF1 fast-forward of a DVD disc with Dolby Digital soundtracks.
- **Off** : Turns off the function. No sound is output during FF1 fast-forward.


No Disc
Audio
12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
Move
Ok
Return
Exit

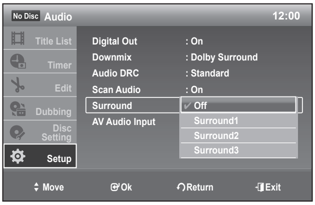
Digital Out : On
Downmix : Dolby Surround
Audio DRC : Standard
Scan Audio : ✓ On / Off
Surround
AV Audio Input : Stereo

- Sound will be interrupted during Scan Audio.
- If the audio format is LPCM, this function is not supported.

Surround

Turns on the surround function to create virtual rear speakers from a stereo TV or two separate front speakers.

- **Off** : No surround effect
- **Surround 1** : Creates one set of virtual surround speakers.
- **Surround 2** : Creates two sets of virtual surround speakers.
- **Surround 3** : Creates three sets of virtual surround speakers.


No Disc Audio
12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
Move
Ok
Return
Exit

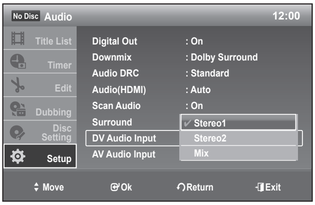
Digital Out : On
Downmix : Dolby Surround
Audio DRC : Standard
Scan Audio : On
Surround : ✓ Off
AV Audio Input

Surround1
Surround2
Surround3

- When the playback signal does not contain surround audio signals, the surround effects will not be heard.
- When you select one of the surround modes, turn off the surround settings of the connected TV or amplifier (receiver).

DV Audio Input (DVD-VR375 only)

- **Stereo 1** : Records original sound only. Normally select this when dubbing a DV format tape.
- **Stereo 2** : Records additional audio only.
- **Mix** : Records both original and additional sounds.


No Disc Audio
12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
Move
Ok
Return
Exit

Digital Out : On
Downmix : Dolby Surround
Audio DRC : Standard
Audio(HDMI) : Auto
Scan Audio : On
Surround
DV Audio Input : ✓ Stereo1
AV Audio Input

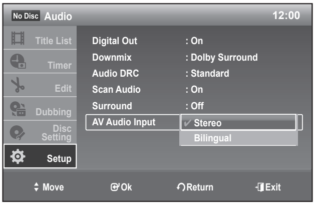
Stereo2
Mix

- Select “Stereo 2” or “Mix” if you have added a second audio channel when recording with your digital video camera.

AV Audio Input

When recording from equipment connected to the AV input jacks to a DVD disc in this recorder, select AV input audio.

- **Stereo** : Records stereo sound only.
- **Bilingual** : You can record audio from two different sources on the left and right channels with DVD-RWs/(VR mode) and DVD-Rs/(VR mode). You can select either the Main(left) or Sub(right) soundtrack when playing back.
  Please refer to the **AUDIO** button. (See page 48)


No Disc Audio
12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
Move
Ok
Return
Exit

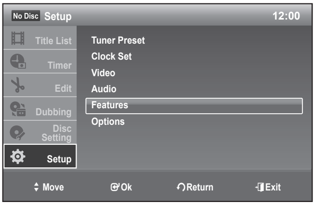
Digital Out : On
Downmix : Dolby Surround
Audio DRC : Standard
Scan Audio : On
Surround : Off
AV Audio Input : ✓ Stereo

Bilingual

SETTING UP THE FEATURES

This function allows you to setup the Features setting.

1. With the unit in Stop mode, press the **MENU** button.
2. Press the ▲▼ buttons to select **Setup**, then press the **OK** button.
3. Press the ▲▼ buttons to select **Features**, then press the **OK** button.
4. Press the ▲▼ buttons to select the desired features options, then press the **OK** button.
5. Press the ▲▼ buttons to select the desired item, then press the **OK** button.


No Disc Setup
12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
Tuner Preset
Clock Set
Video
Audio
Features
Options
Move
Ok
Return
Exit

DVD Auto Chapter

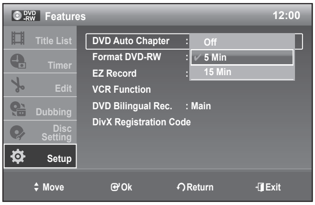
A DVD-Video consists of ‘Titles’ and ‘Chapters’. When you record one programme, it makes one Title.
If you use this function, the Title will be divided into Chapters.
A recording(a title) is automatically divided into chapters by inserting chapter markings at specified intervals. The markings are inserted while the recording is being made.

DVD-RAM DVD-RW DVD-R DVD+RW DVD+R

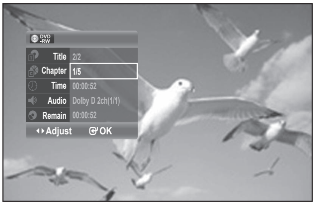
DVD-VR375 only

1. Press the ▲▼ buttons to select **DVD Auto Chapter**, then press the **OK** button.
2. Press the ▲▼ buttons to select **Off**, **5Min** or **15Min**, then press the **OK** button.
   - **Off** : No chapter mark is inserted.
   - **5Min** : Inserts chapter marks at approximately 5 minute intervals.
   - **15Min** : Inserts chapter marks at approximately 15 minute intervals.

   Press the **EXIT** button to exit the menu.
3. Press the **REC** button to start recording. (See page 56 about how to set the recording mode)
4. Press the **STOP** button to stop recording.
5. During playback, you can check the created chapters by pressing the **ANYKEY** button.


DVD-RW
Features
12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
Move
Ok
Return
Exit

DVD Auto Chapter : Off / ✓ 5 Min / 15 Min
Format DVD-RW :
EZ Record :
VCR Function
DVD Bilingual Rec. : Main
DivX Registration Code


DVD-RW
Adjust
OK

Title 2/2
Chapter 1/5
Time 00:00:52
Audio Dolby D 2ch(1/1)
Remain 00:00:52

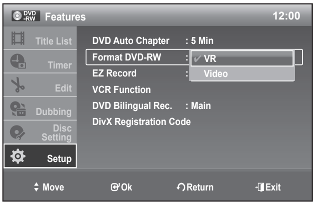
- You can create up to 99 chapters.

Format DVD-RW

When inserting a unused DVD-RW disc, you can select a recording format (VR mode or Video mode) according to your needs (Please refer to page 56).

DVD-RW

- **VR** : Automatically formats the disc in VR mode
- **Video** : Automatically formats the disc in Video mode


DVD-RW
Features
12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
Move
Ok
Return
Exit

DVD Auto Chapter : 5 Min
Format DVD-RW : ✓ VR / Video
EZ Record :
VCR Function
DVD Bilingual Rec. : Main
DivX Registration Code

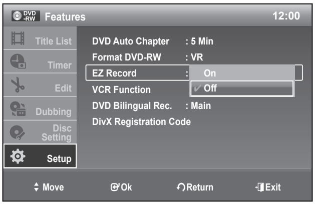
EZ Record

This function allows you Finalise a disc automatically.

DVD-RW DVD-R DVD+RW DVD+R

(V-mode) DVD-VR375 only

1. Press the ▲▼ buttons to select **EZ Record**, then press the **OK** button.
2. Press the ▲▼ buttons to select **On**, then press the **OK** button.
   Press the **EXIT** button to exit the menu.
   You can operate EZ Record by using **EZ REC MODE** button on the remote control.
3. Insert a disc.
   If the disc is a new DVD-RW, it is initialised to V mode automatically.
4. Press the **REC** (●) button.
5. EZ Record function will automatically finalise the disc under the following conditions.
   - When you press the **OPEN/CLOSE** button on your DVD Recorder & VCR after recording on at least 30% of the disc. The tray will open after the disc has been finalised.
   - The above feature is available only when a DVD-RW(V)/-R(V)/+R disc is inserted.



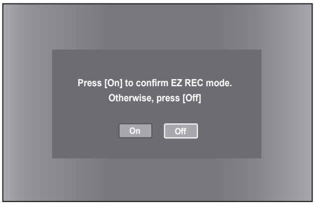
DVD -RW Features 12:00

Title List
Timer
Edit
Dubbing
Disc Setting
Setup

DVD Auto Chapter : 5 Min
Format DVD-RW : VR
EZ Record : On / ✓ Off
VCR Function
DVD Bilingual Rec. : Main
DivX Registration Code

Move Ok Return Exit

(Using setup menu)



Press [On] to confirm EZ REC mode.
Otherwise, press [Off]

On Off

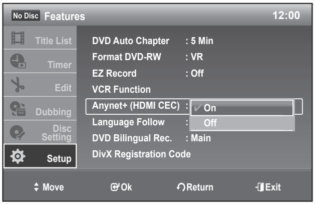
(Using EZ REC MODE button on the remote control)

- If you select off, you must finalise the disc manually in the Disc Setting menu. (see page 78)
- The length of Recording is different according to recording mode. (see page 56)
- When the EZ Record is set to “On”, a DVD-RW disc will be formatted to V mode automatically, even if you select the VR mode in the Format DVD-RW option.

Anynet+(HDMI CEC) (DVD-VR375 only)

Anynet+ is a function that can be used to operate the recorder using a Samsung TV remote control, by connecting the DVD Recorder & VCR to a SAMSUNG TV using an HDMI Cable. (see pages 23~24)
(This is only available with SAMSUNG TVs that support Anynet+.)

1. Press the ▲▼ buttons to select **Anynet+(HDMI CEC)**, then press the **OK** button.
   Anynet+(HDMI CEC) items will be displayed.
2. Press the ▲▼ buttons to select **On**, then press the **OK** button



No Disc Features 12:00

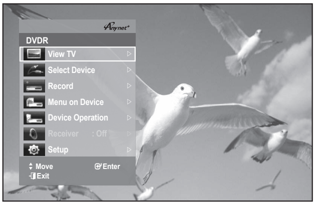
Title List
Timer
Edit
Dubbing
Disc Setting
Setup

DVD Auto Chapter : 5 Min
Format DVD-RW : VR
EZ Record : Off
VCR Function
Anynet+ (HDMI CEC) : ✓ On / Off
Language Follow :
DVD Bilingual Rec. : Main
DivX Registration Code

Move Ok Return Exit

For using Anynet+(HDMI CEC)

1. Connect the DVD Recorder & VCR to the TV by using an HDMI cable. (see pages 23~24)
2. Set the Anynet+(HDMI CEC) to “On” on your DVD Recorder & VCR. (see above)
3. Set the Anynet+ function on your TV. (See the TV instruction manual for more information.)


Anynet+
DVDR
View TV
Select Device
Record
Menu on Device
Device Operation
Receiver : Off
Setup
Move
Enter
Exit

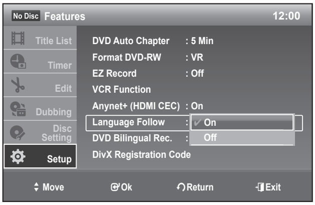
- You can operate the DVD Recorder & VCR by using TV remote control. (TV buttons that can be used to control the DVD Recorder & VCR : ⏪,⏹,▶,⏩,⏭,▲,▼ and ◀, ▶ buttons, 0 ~ 9 button)
- When you press **Anynet+** button on the TV remote control, the OSD to the right will appear.
  - **Select Device** : Use this option to select device.
  - **Record** : Use this option to start recording or stop recording.
  - **Menu on Device** : Same as **MENU** button (MENU) on the DVD Recorder & VCR remote control.
  - **Device Operation** : Same as **ANYKEY** button (ANYKEY) on the DVD Recorder & VCR remote control.

- By pressing the **PLAY** button of the recorder while watching TV, the TV screen will change to the play screen.
- If you play a DVD when the TV power is off, the TV will power On.
- If you turn the TV off, the DVD Recorder & VCR will power off automatically.(When the DVD recorder & VCR is recording, it can't be powered off.)
- If you change from HDMI to other sources(Composite, Component, RF... etc) on the TV while playing the a DVD disc, the DVD Recorder & VCR will stop playing. The DVD Recorder & VCR may keep playing certain discs based on their content.

Language Follow (DVD-VR375 only)

This sets the menu language of external devices connected to a Samsung TV using Anynet +, so they match the language setting of the TV. To activate this, Anynet+ (HDMI CEC) must be set to On.

- On
- Off

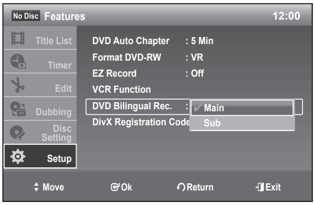

No Disc
Features
12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
Move
Ok
Return
Exit

DVD Auto Chapter : 5 Min
Format DVD-RW : VR
EZ Record : Off
VCR Function
Anynet+ (HDMI CEC) : On
Language Follow : ✓ On
DVD Bilingual Rec. : Off
DivX Registration Code

DVD Bilingual Rec.

Select the sound to be recorded on the disc.
This setting is not necessary when recording on DVD-RWs(VR mode) that record both the main and sub sounds.

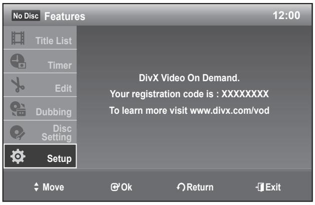
- **Main** : Records the main sound for bilingual programmes.
- **Sub** : Records the sub sound for bilingual programmes.


No Disc
Features
12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
Move
Ok
Return
Exit

DVD Auto Chapter : 5 Min
Format DVD-RW : VR
EZ Record : Off
VCR Function
DVD Bilingual Rec. : ✓ Main
DivX Registration Code Sub

DivX Registration Code

Please use the Registration code to register this DVD Recorder & VCR with the DivX Video On Demand format. For more information, visit www.divx.com/vod


No Disc
Features
12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
Move
Ok
Return
Exit

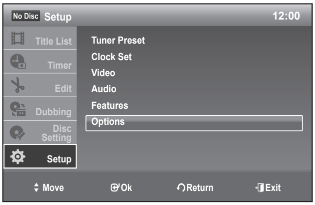
DivX Video On Demand.
Your registration code is : XXXXXXXX
To learn more visit www.divx.com/vod

system setup

SETTING UP THE OPTIONS

This function allows you to setup the Options setting.

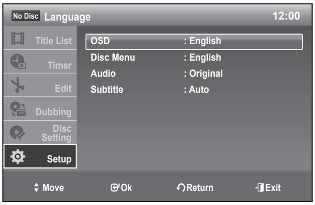
1. With the unit in Stop mode, press the **MENU** button.
2. Press the ▲▼ buttons to select **Setup**, then press the **OK** button.
3. Press the ▲▼ buttons to select **Options**, then press the **OK** button.
4. Press the ▲▼ buttons to select the desired options, then press the **OK** button.
5. Press the ▲▼ buttons to select the desired item, then press the **OK** button.


No Disc
Setup
12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
Tuner Preset
Clock Set
Video
Audio
Features
Options
Move
Ok
Return
Exit

Language

If you set the language options, in advance, they will come up automatically every time you watch a movie.

1. Press the ▲▼ buttons to select **Language**, then press the **OK** button. Language setup menu will be displayed.
2. Press the ▲▼ buttons to select the desired language option, press the **OK** button.
   - **OSD** : For the on-screen menu of your DVD Recorder & VCR.
   - **Disc Menu** : For the disc menu contained on the disc.
   - **Audio** : For the disc audio language.
   - **Subtitle** : For the disc subtitles.
3. Press the ▲▼ buttons to select the desired language, then press the **OK** button.


No Disc
Language
12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
Move
Ok
Return
Exit

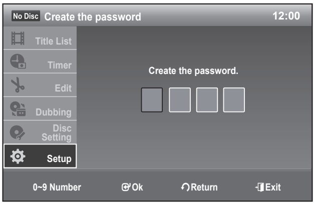
OSD : English
Disc Menu : English
Audio : Original
Subtitle : Auto

- If the selected language is not recorded on the disc, the original pre-recorded language is selected.

Setting up the Parental

The Parental function works in conjunction with DVDs that have been assigned a rating which helps you control the types of DVDs that your family watches. There are up to 8 rating levels on a disc.

1. Press the ▲▼ buttons to select **Parental**, then press the **OK** button.
   When you operate your DVD Recorder & VCR for the first time, the "Create the password" message will be displayed.
2. Enter the 4-digit password using the number buttons on the remote control.
   The "Confirm the password" message will be displayed. Enter your password again.


No Disc
Create the password
12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
0~9 Number
Ok
Return
Exit

Create the password.

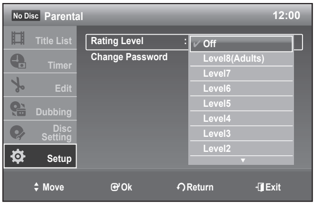
- Press the **RETURN** button to return to the previous menu.
  Press the **EXIT** (⊡) button to exit the menu.

If you forgot your password

1. Remove the disc.
2. Press and hold the **PROG** (∨/∧) button on the front panel for 10 seconds or more.
   The tray opens and password reverts to the factory settings.
   See the below to create a new password.

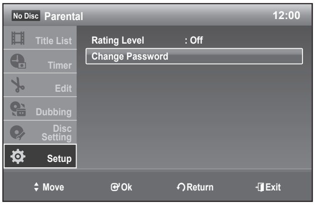
Setting the Rating Level

1. Press the ▲▼ buttons to select **Rating Level**, then press the **OK** button.
2. Press the ▲▼ buttons to select the **Rating Level** you want, then press the **OK** button.
   For example, if you select up to **Level 6**, discs that contain **Level 7**, **8** will not play.
   A larger number indicates that the programme is intended for adult use only.


No Disc
Parental
12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
Rating Level
Change Password
Off
Level8(Adults)
Level7
Level6
Level5
Level4
Level3
Level2
Move
Ok
Return
Exit

Changing the Password

1. Press the ▲▼ buttons to select Change Password, then press the **OK** button.
   The "Enter your password" message will be displayed.
2. Enter a new 4-digit password using the number buttons on the remote control. The “Confirm the password” message will be displayed.
3. Enter your new password again using the number buttons on the remote control.

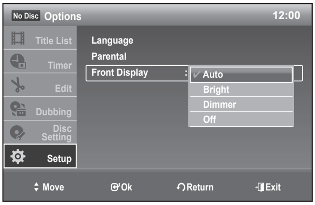

Rating Level : Off

No Disc
Parental
12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
Change Password
Move
Ok
Return
Exit

Front Display

Adjusts the lighting of the front panel display.

- **Auto** : Adjusts to low lighting when power is off.
- **Bright** : Maintains bright lighting when power is off.
- **Dimmer** : Maintains low lighting regardless of whether power is on or off.
- **Off** : Turn off the lighting when power is off.
  Maintains the lighting when power is on.


No Disc
Options
12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
Language
Parental
Front Display
Auto
Bright
Dimmer
Off
Move
Ok
Return
Exit

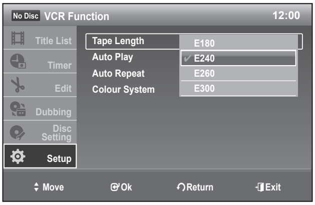
VCR Function Setting

This function allows you to setup the VCR setting.

1. With the unit in Stop mode/No Disc mode, press the **MENU** button.
2. Press the ▲▼ buttons to select **Setup**, then press the **OK** button.
3. Press the ▲▼ buttons to select **Features**, then press the **OK** button.
4. Press the ▲▼ buttons to select **VCR Function**, then press the **OK** button.
5. Press the ▲▼ buttons to select the desired VCR option, then press the **OK** button.
6. Press the ▲▼ buttons to select the desired item, then press the **OK** button.

Tape Length

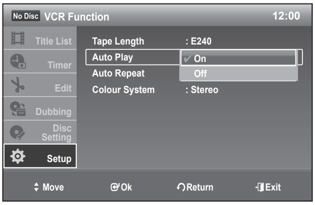
This information is usually printed on the tape box. The menu cycles through : E180, E240, E260, E300. Once the cassette type is set, the VCR can display the amount of time remaining on the tape when you press the **INFO** button.


No Disc
VCR Function
12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
Tape Length
Auto Play
Auto Repeat
Colour System
E180
✓ E240
E260
E300
Move
Ok
Return
Exit

Auto Play

If you want your videotapes to play automatically when you insert them, turn on Auto Play.

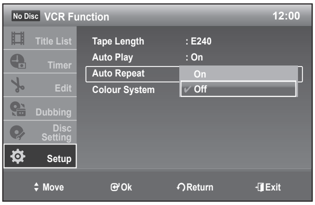
- **On** : The VCR will automatically begin playing a video tape when it is inserted, as long as the safety tab of the cassette has been removed.
- **Off** : Auto play is disabled.


Tape Length : E240
Auto Play
Auto Repeat
Colour System : Stereo
No Disc
VCR Function
12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
✓ On
Off
Move
Ok
Return
Exit

Auto Repeat

It sets the VCR to play a tape repeatedly (unless a tape control is activated : Stop, Fast Forward or Rewind).

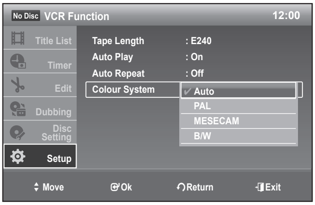
- **On**
- **Off**


Tape Length : E240
Auto Play : On
Auto Repeat
Colour System
No Disc
VCR Function
12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
On
✓ Off
Move
Ok
Return
Exit

Colour System

Before recording or playing back a tape, you can select the required system standard.

- **Auto** : When playing back a tape, the system standard is automatically selected by the DVD Recorder & VCR.
- **PAL** : PAL video system
- **MESECAM**
- **B/W** : Black and White.


Tape Length : E240
Auto Play : On
Auto Repeat : Off
Colour System
No Disc
VCR Function
12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
✓ Auto
PAL
MESECAM
B/W
Move
Ok
Return
Exit

playback

This section introduces basic functions of playback and playback by disc type.
Read the following information before playing a disc.

REGION CODE (DVD-VIDEO ONLY)

Both the DVD Recorder & VCR and the discs are coded by region. These regional codes must match in order for the disc to play. If the codes do not match, the disc will not play. The Region Number for this DVD Recorder & VCR is described on the rear panel of the DVD Recorder & VCR.

4

ALL

LOGOS OF DISCS THAT CAN BE PLAYED

DOLBY DIGITAL RECORDING	dts Digital Out	DIGITAL SOUND
Dolby Digital	DTS	Digital Audio

STEREO	PAL	DivX	MP3 DIGITAL DISC PLAYBACK
Stereo	PAL broadcast system in U.K, France, Germany, etc.	DivX	MP3

DISC TYPES THAT CAN BE PLAYED

Disc Types	Disc Logo content	Recorded content	Disc Shape
DVD-VIDEO	DVD VIDEO	AUDIO VIDEO	Single sided(12cm) Double sided(12cm) Single sided(8cm) Double sided(8cm)
AUDIO-CD	COMPACT disc DIGITAL AUDIO	AUDIO	Single sided(12cm) Single sided(8cm)
JPEG		JPEG Image	Single sided(12cm) Single sided(8cm)
MP3		MP3 Audio	Single sided(12cm) Single sided(8cm)
MPEG4		MPEG4 Movie	Single sided(12cm) Single sided(8cm)
DVD-RAM	DVD RAM	AUDIO VIDEO	Single Layer(12cm) (4.7GB) Dual Layer(12cm) (8.5GB)
DVD-RW	DVD RW	AUDIO VIDEO	12cm (4.7GB)
DVD-R	DVD R	AUDIO VIDEO	Single Layer(12cm) (4.7GB) Dual Layer(12cm) (8.5GB)
DVD+RW	RW DVD+ReWritable	AUDIO VIDEO	12cm (4.7GB)
DVD+R	RW DVD+R RW DVD+R DL	AUDIO VIDEO	Single Layer(12cm) (4.7GB) Dual Layer(12cm) (8.5GB)

Discs that cannot be played

- DVD-Video with a region number other than “4” or “ALL”
- 3.9 GB DVD-R Disc for Authoring.
- A DVD-RW(V)/-R(V)/+R disc which has been recorded and not finalised in a different manufacturer’s recorder.
- DVD-ROM/PD/MV-Disc, etc
- VCD/SVCD/CVD/CD-ROM/CDV/CD-G/CD-I
- BD, HD-DVD

- This DVD Recorder & VCR can only operate with discs that are compatible with DVD-RAM Standard Version 2.0.
- Playback and/or recording may not work for some types of discs, or when specific operations, such as angle change and aspect ratio adjustment, are being performed. Information about the discs is written in detail on the box. Please refer to this if necessary.
- Do not allow the disc to become dirty or scratched, finger prints, dirt, dust, scratches or deposits of cigarette smoke on the recording surface may make it impossible to use the disc for recording.
- DVD-RAM/±RW/±R discs may not be able to play on some DVD players, depending on the player, disc and the condition of the recording.
- Discs with NTSC programmes recorded on them can be played but cannot be recorded using this product.

PLAYING A DISC

1. Press the **OPEN/CLOSE** button.
2. Place a disc gently into the tray with the disc’s label facing up.
3. Press the **OPEN/CLOSE** button to close the disc tray.
    - The DVD Recorder & VCR does not play discs automatically after being powered on initially.
    - When the DVD Recorder & VCR is powered on and a disc is in the tray, the unit will be activated and wait in stop status.
    - Press the **PLAY**(▶) button to start playback.
4. Press the **STOP**(■) button to stop playback.

- When you stop playing back a disc, the DVD Recorder & VCR remembers where you stopped, so when you press **PLAY** (▶) button again, it will pick up where you left off . (Unless the disc is removed or the DVD Recorder & VCR is unplugged, or if you press the **STOP** (■) button twice.)

- Do not move your DVD Recorder & VCR while playing, as this may cause damage to the disc.
- Make sure to press the **OPEN/CLOSE** button to open or close the disc tray.
- Do not push the disc tray while it is being opened or closed, as this may cause a product malfunction.
- Do not place foreign materials on or in the disc tray.
- Some functions may perform differently or be disabled depending on the disc type.
  If this occurs, refer to the instructions written on the disc case.
- Be especially careful that children’s fingers are not caught between the disc tray and the tray chassis when it closes.
- After turning power on, it will take a few seconds until the DVD Recorder & VCR operates.

USING THE DISC MENU & TITLE MENU

Some type of discs contain a dedicated menu system that allows you to select special functions for title, chapter, audio track, subtitle, film preview, information on characters, etc.

For DVD-VIDEO Disc

DVD-VIDEO

Disc Menu : Press the **DISC MENU** button to enter the disc menu of the disc.
- Move to the setup menu related to playback operation.
- You can select audio language and subtitle etc. provided by the disc.

Title Menu : Press the **TITLE MENU** button to move to the title menu of the disc.
- Use this button if the disc contains more than one title.
  Some discs may not support the title menu functionality.

For DVD-RAM/±RW/±R Disc

DVD-RAM DVD-RW DVD-R DVD+RW DVD+R

Title List
Press the **TITLE LIST** button. Title List is a list of previously recorded programmes.
If a title is deleted, that title cannot be played again.

Play List (DVD-RAM/-RW(VR)/-R(VR))
Press the **PLAYLIST** button. A playlist is a custom-made list of titles. When one playlist is played, only the titles within the playlist will play and then stop. Even if that playlist is deleted, the original recording will not be deleted.

USING THE PLAYBACK RELATED BUTTONS

Searching through a Chapter or Track

DVD-VIDEO DVD-RAM DVD-RW DVD-R CD DVD+RW DVD+R MPEG4

During play, press the **SEARCH** (⏪ ⏩) buttons on the remote control.
Each time you press the **SEARCH** button, the playback speed will change as follows.

DVD-VIDEO/DVD-RAM/±RW/±R	▶▶ FF1/◀◀ FR1 → ▶▶ FF2/◀◀ FR2 ▶▶ FF3/◀◀ FR3 → ▶▶ FF1/◀◀ FR1
MPEG4	▶▶ FF1 → ▶▶ FF2 → ▶▶ FF3
AUDIO CD (CD-DA)	▶▶ FF1/◀◀ FR1 → ▶▶ FF2/◀◀ FR2

- You can scan the programme in reverse.
- To return to normal speed playback, press the **PLAY** (▶) button.

- ■ You can hear sound during forward search (FF1) in DVD-VIDEO/DVD-RAM/±RW/±R disc.
- ■ The speed marked in this function may be different from the actual playback speed.

Skipping Chapters, Titles or Markers

DVD-VIDEO DVD-RAM DVD-RW DVD-R CD DVD+RW DVD+R

During play, press the **SKIP** (⏮ ⏭) buttons on the remote control.

- **If you press the SKIP (⏮) button,**
  it moves to the beginning of the chapter or Title or marker
  Pressing the button once again within 3 seconds returns to the beginning of the previous chapter or Title or marker (DVD-RAM/-RW(VR mode))
- **If you press the SKIP (⏭) button,**
  it moves to the next chapter or track. (DVD-RAM/-RW(VR mode))

Slow Motion Play

DVD-VIDEO DVD-RAM DVD-RW DVD-R DVD+RW DVD+R MPEG4

In pause mode, press the **SEARCH** (⏪ ⏩) buttons on the remote control.

- **If you press the SEARCH (⏩) button,**
  ▮▶ Slow 3 → ▮▶ Slow 2 → ▮▶ Slow 1
- **If you press the SEARCH (⏪) button,**
  ◀▮ Slow 3 → ◀▮ Slow 2 → ◀▮ Slow 1
- To return to normal speed playback, press the **PLAY** (▶) button.

▪ Slow motion can play only in the forward direction on MPEG4 discs.

Step Motion Play

DVD-VIDEO DVD-RAM DVD-RW DVD-R DVD+RW DVD+R MPEG4

During pause mode, press the **F.ADV/SKIP** buttons on the remote control.

- Each time the button is pressed, a new frame will appear.
- To return to normal speed playback, press the **PLAY** (▶) button.

▪ No sound is heard during STEP or SLOW mode.

Skipping ahead 30 seconds

DVD-VIDEO DVD-RAM DVD-RW DVD-R DVD+RW DVD+R

In play mode, press **F.ADV/SKIP** button to skip ahead exactly 30 seconds.

USING THE ANYKEY BUTTON

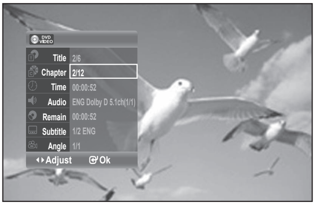
The **ANYKEY** functions allows you to easily search for a desired scene by accessing title, chapter, track and time. You can also change the subtitle and audio settings and set some features including Angle.

Moving to a desired scene directly

DVD-VIDEO DVD-RAM DVD-RW DVD-R DVD+RW DVD+R MPEG4

If you want to move to a certain title, chapter or time, use this function.

1. Press the **ANYKEY** button during playback.
2. Press the ▲▼ buttons to select **Title**, **Chapter** or **Time**.
3. Press the ◄► buttons to select the desired scene.
   (When searching a time, enter the time in the sequence of hours, minutes, seconds using the number buttons.)
4. Then, press the **OK** button.



Title 2/6
Chapter 2/12
Time 00:00:52
Audio ENG Dolby D 5.1ch(1/1)
Remain 00:00:52
Subtitle 1/2 ENG
Angle 1/1

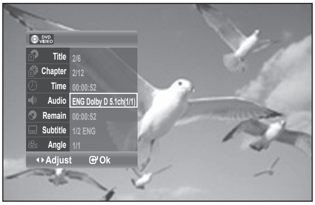
- This may not work for some discs. When an audio CD (CD-DA) or an MP3 disc is inserted, according to the disc type, the information display may not be appear.
- The Time Search function does not operate on some discs.
- To make the sub-menu disappear, press the **ANYKEY** or **RETURN** button again.

Selecting the Audio language

Audio languages may not work depending on the disc type. This is only available during playback.
You can also operate this function by pressing the **AUDIO** button on the remote control.

DVD-VIDEO MPEG4

1. Press the **ANYKEY** button during playback.
2. Press the ▲▼ buttons to select **Audio**, then press the ◄ ► buttons to select the desired audio language.
3. Press the **OK** button.



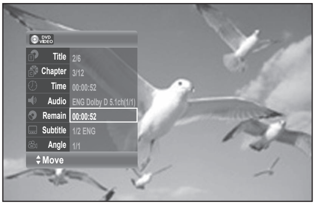
Title 2/6
Chapter 2/12
Time 00:00:52
Audio ENG Dolby D 5.1ch(1/1)
Remain 00:00:52
Subtitle 1/2 ENG
Angle 1/1

- Audio languages may be different because they are disc-specific.
- Some discs allow you to select the audio language for the disc menu only.
- To make the sub-menu disappear, press the **ANYKEY** or **RETURN** button again.

Remain

You can check the remaining time of the current title.

1. Press the **ANYKEY** button during playback.



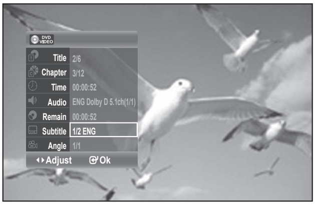
Title 2/6
Chapter 3/12
Time 00:00:52
Audio ENG Dolby D 5.1ch(1/1)
Remain 00:00:52
Subtitle 1/2 ENG
Angle 1/1

Selecting the Subtitle Language

DVD-VIDEO MPEG4

This enables you to select the available subtitle languages on a disc.
Subtitle languages may not work depending on the disc type. This is only available during playback.
You can also operate this function by pressing the **SUBTITLE** button on the remote control.

1. Press the **ANYKEY** button during playback.
2. Press the ▲▼ buttons to select **Subtitle**, then press the ◄ ► buttons to select the desired subtitle language.
3. Press the **OK** button.



Title 2/6
Chapter 3/12
Time 00:00:52
Audio ENG Dolby D 5.1ch(1/1)
Remain 00:00:52
Subtitle 1/2 ENG
Angle 1/1

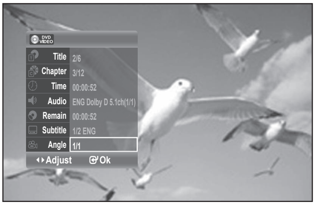
- The subtitle display may be different depending on the disc type.
- Some discs allow you to select the language for the disc menu only.
- To make the sub-menu disappear,press the **ANYKEY** or **RETURN** button again.

Changing the Camera Angle

DVD-VIDEO

If a DVD-VIDEO contains multiple angles of a particular scene, you can use the Angle function.
If the disc contains multiple angles, the Angle appears on the screen.

1. Press the **ANYKEY** button during playback.
2. Press the ▲▼ buttons to select **Angle**, then press the ◄ ► buttons or number (0~9) buttons to select the desired angle scene.
3. Press the **OK** button.

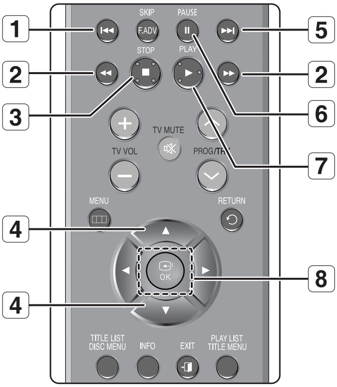


Title 2/6
Chapter 3/12
Time 00:00:52
Audio ENG Dolby D 5.1ch(1/1)
Remain 00:00:52
Subtitle 1/2 ENG
Angle 1/1

- This function is disc-dependent, and may not work all DVDs.
- This function does not work when a DVD has not been recorded with a multi-camera angle system.
- To make the sub-menu disappear, press the **ANYKEY** or **RETURN** button again.

PLAYING AN AUDIO CD/MP3

Buttons on the Remote Control used for Audio CD(CD-DA)/MP3 playback

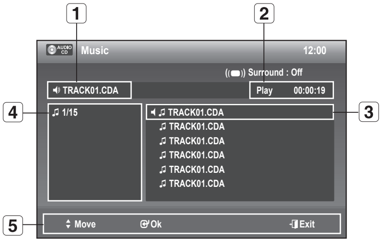


1	⏮ **button** : Returns to the beginning of the current track when pressed during playback. If pressed again, your DVD Recorder & VCR moves to and plays the previous track. If you press this button within three seconds after playback starts, the previous track will be played. If you press this button after three seconds, the current track will be replayed from the beginning.
2	**Press the (⏪ / ⏩) buttons** : Fast Play (FF1/FR1,FF2/FR2) (Audio CD only)
3	⏹ **button** : Stops a track (song).
4	**▲▼ button** : Selects a track (song).
5	⏭ **button** : Plays the next track.
6	⏸ **button** : Pauses playback.
7	▶ **button** : Plays a track (song).
8	**OK button** : Plays the selected track (song).

Playing an Audio CD(CD-DA)

1. Insert an audio CD (CD-DA) into the disc tray.
   - The audio CD menu appears and the tracks (songs) are played automatically.
2. Press the ▲▼ buttons to select the track (song) you want to hear, and then press the **OK** button.

Audio CD(CD-DA) Screen Elements

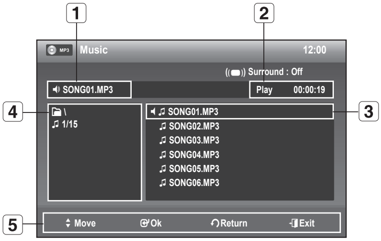

Music 12:00
Surround : Off
TRACK01.CDA
Play 00:00:19
1/15
TRACK01.CDA
TRACK01.CDA
TRACK01.CDA
TRACK01.CDA
TRACK01.CDA
TRACK01.CDA

1	**Current track (song)** : Displays the number of the track currently being played.
2	This shows the operating state of a disc and a playback time corresponding to a portion that is currently played.
3	Display the track list (song list).
4	Display the current file.
5	Display available buttons.

Playing an MP3 Disc

1. Insert an MP3 disc into the disc tray.
   - The menu is displayed
2. Press the ▲▼ buttons to select **Music**, then press the **OK** button.
3. Press the ▲▼ buttons to select the track you want to hear, and then press the **OK** button.

MP3 Screen Elements


1
2
3
4
5
MP3 Music 12:00
(( )) Surround : Off
SONG01.MP3
Play 00:00:19
\
1/15
SONG01.MP3
SONG02.MP3
SONG03.MP3
SONG04.MP3
SONG05.MP3
SONG06.MP3
Move
Ok
Return
Exit

1	**Current track (song)** : Displays the number of the track currently being played.
2	This shows the operating state of a disc and a playback time corresponding to a portion that is currently played.
3	Displays the track list (song list).
4	Displays the current file.
5	Displays available buttons.

- If select the Music, MP3 files will only be displayed.
- If there are no MP3 files, empty folder will only be displayed.

PLAYING BACK A PICTURE DISC

1. Insert a JPEG Disc into the disc tray.
2. Press the ▲▼ buttons to select the **Photo**, and then press the **OK** button.
3. Press the ▲▼◄► buttons to select a picture.
   - To see the next 6 pictures, press the ►►I button.
   - To see the previous 6 pictures, press the I◄◄ button.

4-1. If you press the **PLAY** (▶) button, the Slide Show Speed screen will appear.
Press the ◄► buttons to set the slide show speed, then press the **OK** button.

4-2. Press the **OK** button with a picture selected in the Album screen and select a display mode (**Album screen** (▦), **Slide show** (⧉), **Rotation** (⟳) or **Zoom** (🔍)) using the ◄ ► buttons, then press the **OK** button.

▦ : Returns to the Album screen.

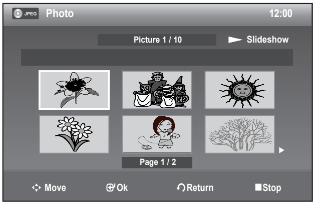
⧉ : The unit enters slide show mode.
Before the slide show begins the picture interval (Slide show speed) must be set.

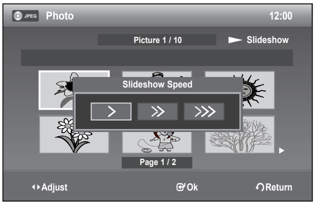
⟳ : Each time the **OK** button is pressed, the picture rotates 90 degrees clockwise.

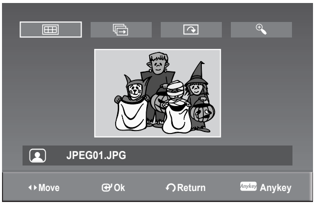
🔍 : Each time the **OK** button is pressed, the picture is enlarged up to 4X(Four times the normal size).

→ normal size → 2X → 4X → 2X ┐

- Press the **ANYKEY** button to display the menu bar.
- Press the **ANYKEY** button again to clear the menu bar.


JPEG Photo 12:00
Picture 1 / 10
Slideshow
Page 1 / 2
Move
Ok
Return
Stop

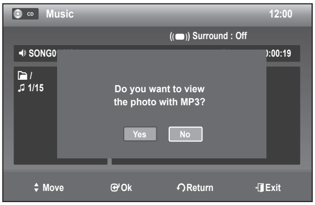

JPEG Photo 12:00
Picture 1 / 10
Slideshow
Slideshow Speed
Page 1 / 2
Adjust
Ok
Return


JPEG01.JPG
Move
Ok
Return
Anykey

- If select the Photo, JPEG files will only be displayed.
- If there are no JPEG files, empty folder will only be displayed.

Music/Photo Simultaneous Playback

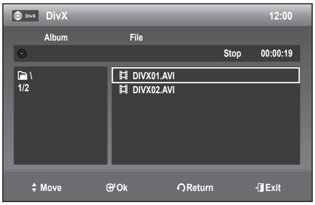
1. Insert a Mixed disc(Music+JPEG) into the disc tray.
2. Press the ▲▼ buttons to select **Mix**, and then press the **OK** button.
   The track list will be displayed.
3. Press the **OK** button.
   The message "Do you want to view the photo with MP3?" will be displayed.
4. Press the ◄► button to select **Yes**, then press the **OK** button.
   You can listen to the music while watching the photo.


Do you want to view the photo with MP3?

- To operate this function, you have to select the disc containing both music files and photo file.

PLAYING AN MPEG4 DISC

1. Insert an MPEG4 disc into the disc tray.
   - The menu is displayed
2. Press the ▲▼ buttons to select **DivX**, and then press the **OK** button.
3. Press the ▲▼ buttons to select the avi file (DivX), then press the **OK** or **PLAY** (▶) button.
4. When DivX file is played, you can use following functions.
   Pressing the **STOP** (■) button once during playback will display the file list, pressing the button again will exit the menu screen.

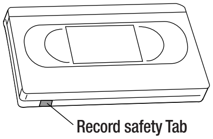


MPEG4 Function Description

Function	Description
Skip Scene	During play, press the **SKIP** (⏮⏭) buttons, it moves previous or next track.
Search Scene	During play, press the **SEARCH** (◀◀▶▶) buttons and press again to search at a faster speed. (▶▶ FF1/◀◀ FR1 → ▶▶ FF2/◀◀ FR2 → ▶▶ FF3/◀◀ FR3 → ▶▶ FF1/◀◀ FR1)
Slow Motion	In pause mode, press the **SEARCH** (▶▶) button on the remote control. (I▶ Slow 3 → I▶ Slow 2 → I▶ Slow 1) Reverse Slow Motion Play is not available.
Step Motion	In pause or play mode, press the **F.ADV/SKIP** button on the remote control.

- This unit can play the following video compression formats,
  - DivX Video (Codec) Format : DivX 3.11 DivX 4.x DivX 5.x (without QPEL and GMC)
  - DivX Audio (Codec) Format : MP3, AC3, DTS
- Supported subtitle file formats : .smi, .srt, .sub, .txt, .ass (The subtitle file should have exactly the same name to corresponding DivX file name)
- Some DivX files created on a personal computer may not be play back. That is why Codec Type, Version and Higher resolution over specifi cation are not supported.
- You cannot play back the disc that is larger than a 720 x 576 pixel resolution.

PLAYING BACK A VHS TAPE (VCR)



1. Insert a standard VHS tape into the VCR deck.
   • When a videotape is inserted, power will turn on automatically.
2. Press the **PLAY** (▶) button on the remote control or on the front panel of the unit. The videotape will begin to play automatically if the Record Safety Tab is removed and Auto Play is turned on.
3. Press the **STOP** (■) button on the remote control or on the front panel of the unit.

Tracking

The Tracking adjustment removes the white lines that sometimes appear during playback because of slight differences in recording decks.

During playback, press the **PROG/TRK** (∧/∨) buttons to remove white lines from the picture.

Special VCR Playback Features

While a videotape is playing, you can enjoy a variety of special playback features.

Pause

In Play mode, press **PAUSE** (⏸) button to pause a single frame.

Frame Advance

In the Pause mode, press **F.ADV/SKIP** button to advance to the next frame.

FPS/RPS

In Play mode, press **Forward** (⏩) button or **Rewind** (⏪) button to FPS/RPS at two speeds:

- Picture Search - Press and release repeatedly to advance the tape forward or backward at 2,3,5,7 times normal speed.
- Jet Search - Press and hold to advance the tape forward or backward at 7 times normal speed.

Skip

In Play mode, press **F.ADV/SKIP** button to cue ahead exactly 30 seconds.
Press **F.ADV/SKIP** button repeatedly up to 4 times to cue ahead 2 minutes.

Slow motion

In Pause mode, press (⏩) button for slow motion. Press the (⏩) button repeatedly to play slow motion speed at 1/10, 1/7, 1/5 normal speed. Press the **PLAY** button twice to resume normal viewing.

Variable Search System

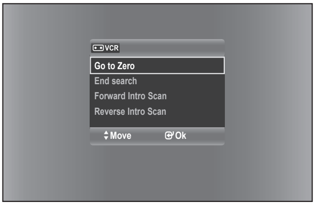
Each time you record a cassette on this DVD Recorder & VCR, an index is automatically marked on the tape when recording is started.The Search function allows you to fast-forward or rewind to a specific index and start playback from that point.

- This DVD Recorder & VCR uses a standard indexing system (VISS).
  As a result, it will recognize any indexes marked by other VCRs using the same system and vice versa.

Go to Zero

Use this feature when you want to search for the 0:00:00 counter position on a cassette.

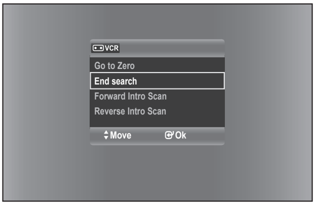
1. Press the **CANCEL** button at the point on the tape where you want to set the counter to 0:00:00.
2. While the cassette is stopped, press the **ANYKEY** button.
3. Press the ▲▼ buttons to select **Go to Zero**, then press the **OK** button.
   The VCR will rewind or fast forward, searching for the 0:00:00 counter position, and then automatically stop at that position.


VCR
Go to Zero
End search
Forward Intro Scan
Reverse Intro Scan
Move
Ok

End search

Use this feature when you want to search for a blank position to record a programme on a cassette.

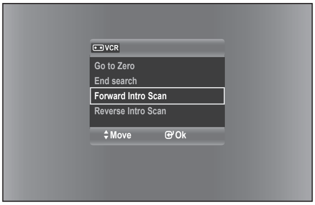
1. While a cassette is stopped, press the **ANYKEY** button.
2. Press the ▲▼ buttons to select **End search**, then press the **OK** button.
   The VCR will fast forward, searching for a blank position, and then automatically stop at that position.
   If the VCR reaches the end of the tape during end search, the tape will be ejected.


VCR
Go to Zero
End search
Forward Intro Scan
Reverse Intro Scan
Move
Ok

Forward/Reverse Intro Scan

Use scan and play when you don’t know exactly where a programme is located on a cassette tape.

1. While a cassette is stopped, press the **ANYKEY** button.
2. Press the ▲▼ buttons to select **Forward Intro Scan** or **Reverse Intro Scan**, then press the **OK** button.When an Index mark is found the DVD Recorder & VCR will playback the tape for 5 seconds, after which it will continue searching for the next Index mark.


VCR
Go to Zero
End search
Forward Intro Scan
Reverse Intro Scan
Move
Ok

recording

This section shows various DVD Recording & VCR methods.
This unit can record on various types of discs.
Before recording, read the following instructions and select the disc type according to your preference.

RECORDABLE DISCS

This DVD Recorder & VCR can record on the following discs.

- DVD-VR370

DVD-RAM	DVD-RW	DVD-R
DVD RAM	DVD RW	DVD R

- DVD-VR375

DVD-RAM	DVD-RW	DVD-R	DVD+RW	DVD+R
DVD RAM	DVD RW	DVD R	RW DVD+ReWritable	RW DVD+R

- DVD±RWs and DVD-RAMs are rewritable.
- DVD±Rs are non-rewritable.

Compatibility between Samsung and Other Company's Recorder

- X : not possible

Disc Types	Recording format	Recording Device	Finalising	Additional Recording in Samsung Recorder
DVD-RAM	VR Mode	Samsung	X	Recordable
		Other Company	X	Recordable
DVD-RW	VR Mode	Samsung	finalised	Not recordable
			not finalised	Recordable
		Other Company	finalised	Not recordable
			not finalised	Recordable
	V Mode	Samsung	finalised	Not recordable
			not finalised	Recordable
		Other Company	finalised	Not recordable
			not finalised	Not recordable
DVD-R	VR Mode	Samsung	finalised	Not recordable
			not finalised	Recordable
		Other Company	finalised	Not recordable
			not finalised	Recordable
	V Mode	Samsung	finalised	Not recordable
			not finalised	Recordable
		Other Company	finalised	Not recordable
			not finalised	Not recordable
DVD+RW (DVD-VR375 only)	-	Samsung	X	Not recordable in some cases
		Other Company	X	Not recordable in some cases
DVD+R (DVD-VR375 only)	-	Samsung	finalised	Not recordable
			not finalised	Not recordable in some cases
		Other Company	finalised	Not recordable
			not finalised	Not recordable in some cases

- Finalise
  - This closes the DVD-RW/±R so no additional recording can be done.
  - The DVD-RAM/+RW disc cannot be finalised.
- Unfinalise
  - This allows additional recording on a DVD-RW disc originally recorded on the DVD Recorder & VCR.
  - A DVD-RW disc that has been recorded by DAO(Disc At Once) on a PC cannot be unfinalised.
  - A DVD-RW disc that has been recorded in Video Mode of a different maker’s recorder cannot be unfinalised.
  - A DVD±R disc cannot be unfinalised.

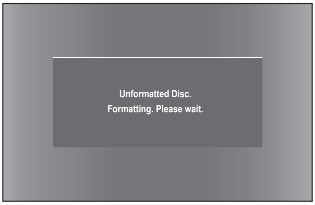
Recording Formats

Since available functions differ depending on the disc type, select a disc that best fits your preferences.

When you insert an unused disc, the following message appears.

- DVD-RAM/±RW/+R : Format will be started automatically.
- DVD-R : Initialising the disc is unnecessary.

<DVD-RAM/±RW/+R>



Unformatted Disc.
Formatting. Please wait.

DVD-RAM/-RW(VR)/-R(VR)

- This mode involves multiple editing functions (such as deletion of the whole title, partial deletion of a title, etc.).
- Various editing options using a created Playlist.

DVD-RW(V)/-R(V)

- Chapters will be created automatically when you finalise recording on DVD-RW/DVD-R discs in Video mode.
- Simple editing (erasing titles/changing title name).

RECORDING MODE

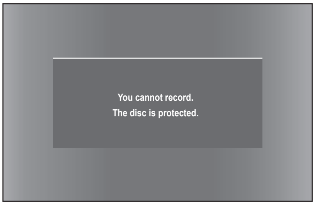
With the unit in Stop mode, select one of eight recording modes by pressing the **REC SPEED** button repeatedly for the desired recording time and picture quality. In general, picture quality improves as the recording time decreases. In AUTO mode, the most suitable record mode is adjusted automatically, according to remaining time on the disc and length of the timer recording.

Recording Mode	Recording Times
	DVD-RAM/±RW/±R
HQ (high quality mode)	Approx. 1 hour
HSP	Approx. 1 hour 30 minutes
SP (standard quality mode)	Approx. 2 hours
LSP	Approx. 2 hours 30 minutes
ESP	Approx. 3 hours
LP (long recording mode)	Approx. 4 hours
EP	Approx. 6 hours
SLP (long duration mode)	Approx. 8 hours

- The dual layer DVD±Rs have approximately double the capacity of single layer DVD±Rs.

UNRECORDABLE PICTURES

Pictures with copy protection cannot be recorded on this DVD Recorder & VCR. When the DVD Recorder & VCR receives a copy guard signal while recording, recording stops and the following message appears on the screen.



You cannot record.
The disc is protected.

Concerning Copy Control Signals

TV broadcasts that contain copy control signals may have one of the following three signal types, Copy-Free, Copy-Once and Copy-Never.
If you want to record a copy-once type programme, use DVD-RW with CPRM in VR Mode and DVD-RAM discs.

Signal type / Media	Copy-Free	Copy-Once	Copy-Never
DVD-RAM (Ver.2.0)	0	0*	-
DVD+RW	0	-	-
DVD+R	0	-	-
DVD-RW (Ver.1.1)	0	-	-
DVD-RW (Ver.1.1) with CPRM VR mode V mode	0 0	0* -	- -
DVD-R	0	-	-

Once “Copy Once” has been recorded, recording cannot be done anymore.

* Compatible with CPRM.

❖ Content Protection for Recordable Media (CPRM)

CPRM is a mechanism that ties a recording to the media on which it is recorded. It is supported by some DVD Recorders & VCR, but not by many DVD players.
Each blank recordable DVD has a unique 64-bit media ID etched in the BCA.
When protected content is recorded onto the disc, it can be encrypted with a 56-bit C2 (Cryptomeria) cipher derived from the media ID.
Disc contents cannot be copied to other media.

RECORDING IMMEDIATELY

DVD-RAM DVD-RW DVD-R DVD+RW DVD+R

DVD-VR375 only

Before you start

DVD -RW
VR
SP
AV 1

1. Make sure antenna cable is connected.
2. Press the **OPEN/CLOSE** button and place a recordable disc on the disc tray.
3. Check the remaining time on the disc.
   DVD-RAM/DVD±RW/+R discs should be formatted or initialised in advance before beginning recording. Most new discs are sold unformatted. Make sure to format your unformatted discs before recording.
4. Press the **OPEN/CLOSE** button to close the disc tray.
   Wait until **LOAD** disappears from the front panel display.

Recording the current programme you are watching

1. Press the **PROG/TRK** (∧/∨) buttons or number buttons to select the station you want to record.
2. Press the **REC SPEED** button repeatedly, to select the recording Speed (quality).

   → HQ → HSP → SP → LSP → ESP → LP → EP → SLP

3. Press the **REC** button.

Recording from external equipment you are watching

1. Power on your DVD Recorder & VCR and switch to AV mode by pressing the **INPUT SEL.** button on the remote control. The front panel display changes in the following sequence.

   → PR → AV1 → AV2 → DV (DVD-VR375 only)

2. Press the **REC SPEED** button repeatedly to select the recording Speed (quality).

   → HQ → HSP → SP → LSP → ESP → LP → EP → SLP

3. When your DVD Recorder & VCR is in the Stop mode, set the operation mode of your external devices to play mode.
4. Press the **REC** button on your DVD Recorder & VCR when the image from which you want to start recording is displayed.

To stop recording

Press the **STOP** button to stop a recording in progress.

- When using DVD-RAM/DVD±RW/±R discs, the message “Updating the information of disc. Please wait for a moment.” is displayed.

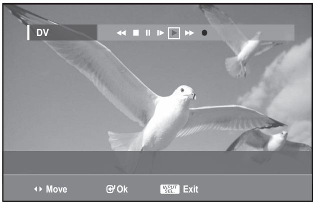
- You can not change the recording mode and the programme while recording.
- Recording will stop automatically if there is no free space left for recording.
- Up to 99 titles can be recorded onto a DVD-RAM/-RW/-R disc, up to 49 titles onto a DVD+RW/+R disc.
- If the power interrupted due to power failure or other reasons, the title being recorded will not be saved onto the disc.
- Recording will stop automatically if a copy protected image is selected.
- Do not use DVD-R authoring discs with this unit.
- Also refer to the user manual for your External Devices when recording from external equipment using the Audio/Video cable.

RECORDING THROUGH THE DV INPUT JACK (DVD-VR375 ONLY)

You may control a Camcorder connected to the DV Input jack on the DVD Recorder & VCR.
Follow these directions to record onto a disc or tape from a camcorder that has a DV output jack.

1. Connect the DV output jack of your camcorder to the DV input jack on the front of your DVD Recorder & VCR using a DV cable.
2. Power on your DVD Recorder & VCR and switch to DV mode by pressing the **INPUT SEL.** button on the remote control.
3. Press the **REC SPEED** button repeatedly to select the recording Speed (quality).

   → **HQ** → **HSP** → **SP** → **LSP** → **ESP** → **LP** → **EP** → **SLP**



4. If the input is set to DV, a playback/record menu that enables camcorder control appears on the top of the screen.
5. Select the Playback related icons on the upper part of the screen to playback the camcorder and find the starting position for dubbing.
6. To start recording, Press the ◄ ► buttons to select **REC** (●) icon in the top side of the screen, then press the **OK** button.
   You can press the **REC** button on the remote control to start recording.
7. Press the **STOP** button on your DVD Recorder & VCR when the recording is finished.

- Some camcorders may not work with your DVD Recorder & VCR even if they have a DV output jack.
- Also refer to the user manual for your camcorder when recording through a DV jack.
- To display playback related icons on the screen, press any direction button on the remote control.
- You cannot dub from a camcorder onto a videotape through the DV Input jack on this unit.

MAKING A ONE TOUCH RECORDING (OTR)

One-Touch Recording (OTR) allows you to add recording time in preset minute increments up to 8 hours by pressing the **REC** button repeatedly.

DVD-RAM DVD-RW DVD-R DVD+RW DVD+R

DVD-VR375 only

1. Press the **PROG/TRK** (∧/∨) buttons or number buttons to select the station to record. If you want to record through a connected external component, press the **INPUT SEL.** button to select an appropriate external input [Prog., AV1, AV2 or DV input (DVD-VR375 only)].
2. Press the **REC** button.
3. While in Record mode, press the **REC** button again to activate One-Touch Recording (OTR).
   - Record length 0:30 appears on the On-Screen Display and the DVD Recorder & VCR will record for exactly 30 minutes.
4. Continue press the **REC** to add recording time in preset minute increments up to 8 hours.

→ 0:30 → 1:00 → 1:30 → 2:00 → 2:30 → 3:00 → 3:30 → 4:00 → 4:30 → 5:00 → 5:30 → 6:00 → 6:30 → 7:00 → 7:30 → 8:00 → Normal

- The DVD Recorder & VCR stops recording automatically when the time has elapsed.

To stop recording

Press the **STOP** (■) button.
The message “Press STOP button once more to cancel Timer Record” is displayed.
Press the **STOP** (■) button again.
The message “Updating the information of disc. Please wait for a moment” is displayed.

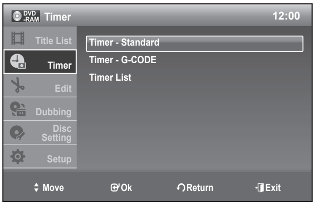
- The timer counter decreases by the minute from the recording time set to 0:00, then the DVD Recorder & VCR stops recording.

MAKING A TIMER RECORDING

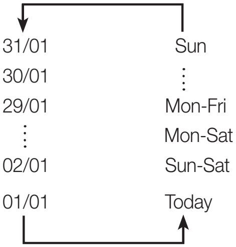
Make sure the Clock (Setup-Present Time) must be set before you proceed with a timer recording.
(See pages 30~31)

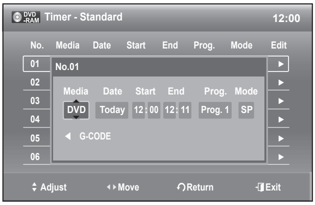
DVD-RAM DVD-RW DVD-R DVD+RW DVD+R

DVD-VR375 only



1. With the unit in Stop mode, press the **MENU** button.
2. Press the ▲▼ buttons to select **Timer**, then press the **OK** button.
3. Press the ▲▼ buttons to select **Timer-Standard**, then press the **OK** button.
4. Set timer recording option.
   - Fill the input items using the ▲▼◄► buttons and number buttons.
     ◄► : Moves to the previous/next item,
     ▲▼, 0~9 : Sets a value.
   - **Media** : Select the media to record DVD or VCR
   - **Date** : Timer Recording allows setting the recording time within one month period.
     Set the recording day. (month/day)





No.01

Media	Date	Start	End	Prog.	Mode
DVD	Today	12 : 00	12 : 11	Prog. 1	SP

- **Start/End Time** : Start and end time of the timer recording.
- **Prog.** : The video input source (Prog.1, AV1 or AV2), or the broadcasting channel you want to make a timer recording from.

❖ Recording Mode (DVD)

AUTO : Select when you want to set video quality automatically. In AUTO mode, the most suitable record mode is adjusted automatically, according to remaining time on the disc and length of the timer recording. This function is selected only one mode in HQ, HSP, SP, LSP, ESP, LP, EP and SLP modes and you can use this mode for timer recording.

HQ : Approx. 1 hour

HSP : Approx. 1 hour 30 minutes

SP (standard quality) : Approx. 2 hours

LSP : Approx. 2 hours 30 minutes

ESP : Approx. 3 hour

LP : Approx. 4 hour

EP (extended mode) : Approx. 6 hour

SLP (long duration mode) : Approx. 8 hours

The dual layer DVD±Rs have approximately double the capacity of single layer DVD±Rs.

❖ Recording Mode (VCR)

AUTO : Select when you want to set video quality automatically.
It depends on remaining time on the VCR tape.

SP : Standard Play, for best picture quality.

LP : Long Play, for maximum recording time (2 times SP).

5. Press the **OK** button.
   If the timer settings overlap
   The first programme has priority.
   After recording of the first programme is complete, the second programme starts being recorded.
6. Turn the power off to finish the Timer Recording setting.
   - 🕘 will blink if disc or tape is not inserted.
   - 🕘 will appear on the front panel. It means that a timer recording is registered.
     Timer Recording will not work when the power is on.

- The timer recording time may differ from the set time depending on disc status and overall timer recording status (for example, recording times overlapping, or when the previous recording ends within 3 minutes before the start time of the next recording.)

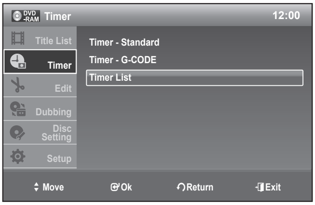
EDITING THE TIMER LIST

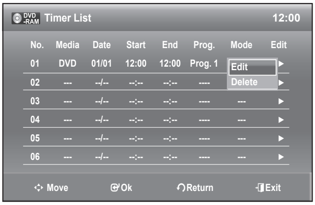
Follow these directions to edit the timer record list.

DVD-RAM DVD-RW DVD-R DVD+RW DVD+R

DVD-VR375 only

1. With the unit in Stop mode, press the **MENU** button.
2. Press the ▲▼ buttons to select **Timer**, then press the **OK** button.
3. Press the ▲▼ buttons to select the **Timer List**, then press the **OK** button.
4. Press the ▲▼ buttons to select the number of the **Timer List** you want to edit, then press the **OK** button.
   - The Edit and Delete items are displayed.
5. Press the ▲▼ buttons to select **Edit**, then press the **OK** button.
   - The Timer List screen is displayed. Edit the items you want to modify.
     See the Timer List section for more information on Timer List Input items. (See pages 60~61)
6. Press the **OK** button to confirm the edited setting.
7. Press the **EXIT** button after finishing the operation.
   The menu screen will disappear.


DVD-RAM Timer
12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
Timer - Standard
Timer - G-CODE
Timer List
Move
Ok
Return
Exit


DVD-RAM Timer List
12:00
Move
Ok
Return
Exit

No.	Media	Date	Start	End	Prog.	Mode	Edit
01	DVD	01/01	12:00	12:00	Prog. 1	Edit	▶
02	---	--/--	--:--	--:--	----	Delete	▶
03	---	--/--	--:--	--:--	----	---	▶
04	---	--/--	--:--	--:--	----	---	▶
05	---	--/--	--:--	--:--	----	---	▶
06	---	--/--	--:--	--:--	----	---	▶

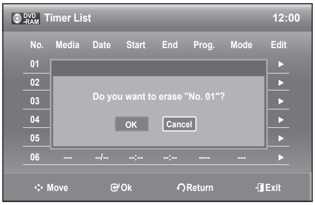
DELETING THE TIMER LIST

Follow these directions to delete a title from the timer record list.

DVD-RAM DVD-RW DVD-R DVD+RW DVD+R

DVD-VR375 only

1. With the unit in Stop mode, press the **MENU** button.
2. Press the ▲▼ buttons to select **Timer**, then press the **OK** button.
3. Press the ▲▼ buttons to select the **Timer List**, then press the **OK** button.
4. Press the ▲▼ buttons to select the number of the Timer List you want to delete, and then press the **OK** button.
   - The Edit and Delete items are displayed.
5. Press the ▲▼ buttons to select **Delete**, then press the **OK** button.
   - You will be prompted with the delete confirm message such as (“Do you want to erase "No.01"?”).
6. Press the ◄ ► buttons to select **OK**, then press the **OK** button.
   - The selected title will be deleted from the list.
7. Press the **EXIT** button after finishing the operation.
   The menu screen will disappear.


DVD-RAM Timer List
12:00
No.
Media
Date
Start
End
Prog.
Mode
Edit
01
02
03
04
05
06
OK
Cancel
Move
Ok
Return
Exit

Do you want to erase "No. 01"?

No.	Media	Date	Start	End	Prog.	Mode	Edit
06	---	--/--	--:--	--:--	----	---	▶

- ■ You can not delete programmes that are currently being recorded.

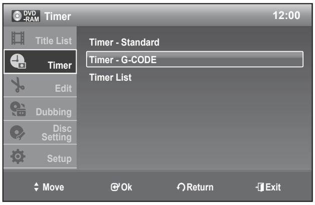
USING THE G-CODE FEATURE

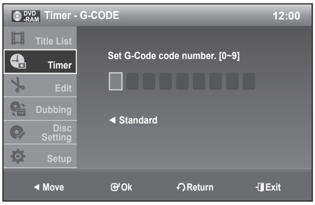
Before presetting your DVD Recorder & VCR:
- Switch on both the television and your DVD Recorder & VCR.
- Check that the date and time are correct. Up to twelve programmes can be preset.

DVD-RAM DVD-RW DVD-R DVD+RW DVD+R

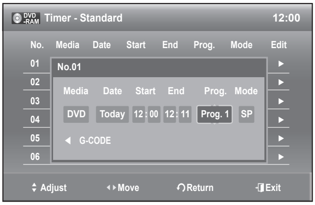
DVD-VR375 only

1. With the unit in Stop mode, press the **MENU** button.
2. Press the ▲▼ buttons to select **Timer**, then press the **OK** or ► button.
3. Press the ▲▼ buttons to select **Timer - G-CODE**, then press the **OK** or ► button.
   - A message is displayed to allow you to enter the G-CODE code.
4. Press the number buttons to enter the code of the programme that you want to record in your television magazine.
   - If you want to correct the G-CODE code that you are entering:
     - Press the ◄ button until the digit to be corrected is cleared.
     - Enter the correct digit.
5. Press the **OK** button.
   - The information concerning the programme is displayed.
   - When using the G-CODE function for the first time with stored stations, the programme number flashes. This one time, you must enter the PR number manually by pressing the ▲▼ buttons.
6. If the programme and times are correct, press the **OK** button.
7. Turn the power off by pressing the **STANDBY/ON** button to activate the timer recoding setting.
8. Refer to page 62 if you want to:
   - Check whether the timer Recording has set correctly or not.
   - Cancel a preset recording.


DVD-RAM Timer 12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
Timer - Standard
Timer - G-CODE
Timer List
Move
Ok
Return
Exit


DVD-RAM Timer - G-CODE 12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
◄ Standard
Move
Ok
Return
Exit

Set G-Code code number. [0~9]


DVD-RAM Timer - Standard 12:00
No. Media Date Start End Prog. Mode Edit
01
02
03
04
05
06
Adjust
Move
Return
Exit

No.01

Media	Date	Start	End	Prog.	Mode
DVD	Today	12 : 00	12 : 11	Prog. 1	SP

◄ G-CODE

- The numbers next to each TV programme listing in the magazines or newspapers are G-CODE code numbers, which allow you to programme your DVD Recorder & VCR instantly with the remote control. Enter the G-CODE code for the programme you wish to record.
- G-CODE is a trademark of Gemstar Development Corporation.
  The G-CODE system is manufactured under licence from Gemstar Development Corporation.

BASIC VCR RECORDING

Before starting

1. Check TV channel and Antenna connections.
2. Check the remaining time on the tape.

You can record a TV show in progress by inserting a blank tape and pressing the ● (REC) button.
You can even add time in preset increments up to 6 hours by pressing the ● (REC) button repeatedly.

- Be sure your videotape has a Record Safety Tab. If the tab is missing, you can cover the opening with a small piece of tape.

- Warning : Do not cover this opening unless you are sure you want to record over the tape.

1. Insert a blank VHS tape into the VCR deck.
   - Make sure the tape is long enough to record the entire programme.
2. Press the **Number** buttons or the **PROG/TRK** (∧/∨) buttons to select the desired channel.
   Press the **INPUT SEL.** button to select Prog.1, AV1, AV2 or DV input (DVD-VR375 only).
   if recording from an external device connected to the input jacks of the recorder.
3. Press the **REC SPEED** button on the remote control to set the Record Speed to one of the following options:
   - **SP** – Standard Play, for best picture quality.
   - **LP** – Long Play, for maximum recording time (2 times SP).

- The selected Record Speed will appear on the front panel display and on-screen display.

Maximum Recording Time - SP vs. LP

Tape Length	SP (Standard Play)	Recording Times Data Rates
E180	Approx. 3 hrs	Approx. 6 hrs
E240	Approx. 4 hrs	Approx. 8 hrs
E260	Approx. 4 hrs 40 mins	Approx. 9 hrs 20 mins
E300	Approx. 5 hrs	Approx. 10 hrs

- When you watch or record on the VCR during DVD Recording, some function buttons may not operate.

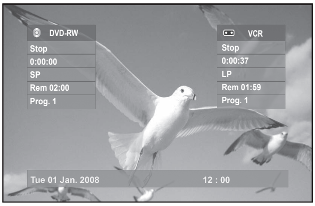
4. Press the ● (**REC**) button on the remote control or front panel.
   For options while recording is in progress, see “Special Recording Features”.

To stop recording

Press the **STOP** button to stop a recording in progress.

CHECK REMAINING TIME

Press **INFO** button on the remote control.
The following information will be displayed.
(Current deck status, recording Mode, remaining time, input channel, current time.)



SPECIAL RECORDING FEATURES

While a recording is in progress, you can watch a different media, or add recording time in preset increments.

1. **Watch a different media during recording**
   You can watch a DVD during VCR recording or watch a Video tape during DVD recording.
   - During VCR recording, insert a DVD in the DVD deck. The output will automatically change to the DVD and start playback. (DVD-Video discs only)
   - During DVD recording, insert a Video tape in the VCR deck.
     The output will automatically change to the VCR and start playback.
     (Only if tape is missing the safety tab)
2. **Add Recording Time**
   Refer to the One-Touch Recording (OTR).
   (See page 60)
3. **Recording DVD and VCR at the same time**
   You can record DVD and VCR at the same time, but both modes must be set up to record separately.
   - Press the **DVD/VCR** button to set the unit to DVD or VCR mode.
   - Choose input mode Prog.1, AV1, AV2 or DV input (DVD-VR375 only) for DVD or VCR.
   - Choose **REC SPEED** for DVD or VCR.
   - Press **REC** button for DVD or VCR.

- When the DVD Recorder & VCR is connected to your TV using the HDMI or component video cables, the VCR's playback screen on the video tape will not display during DVD recording.
- You cannot record different channels at the same time.
- The DVD and VCR cannot start recording at the exact same time.

DUBBING TO DVD OR VIDEO

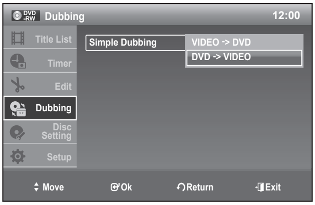
You can copy from the DVD to VIDEO or VIDEO to DVD.
Check the remaining time on the tape and disc.

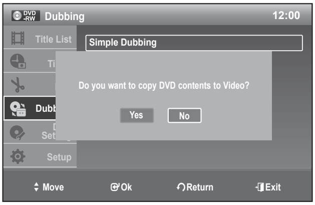
Dubbing from DVD to VCR

DVD-RAM DVD-RW DVD-R DVD+RW DVD+R ➡

DVD-VR375 only

1. With the unit in Stop mode, press the **MENU** button.
2. Press the ▲▼ buttons to select **Dubbing**, then press the **OK** button.
3. Press the ▲▼ buttons to select **Simple Dubbing**, then press the **OK** button.
4. Press the ▲▼ buttons to select **DVD → VIDEO**, then press the **OK** button.
   The Message "Do you want to copy DVD contents to Video?" will be displayed.
5. Press the ◄► buttons to select **Yes**, then press the **OK** button.


DVD-RW Dubbing
12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
Simple Dubbing
VIDEO -> DVD
DVD -> VIDEO
Move
Ok
Return
Exit


DVD-RW Dubbing
12:00
Title List
Setup
Simple Dubbing
Yes
No
Move
Ok
Return
Exit

Do you want to copy DVD contents to Video?

Direct dubbing DVD to VIDEO

- Insert a DVD disc you want to dubbing.
- Insert a VHS tape.
- Press the VCR dubbing button on front panel or remote control. (TO VCR)
- To stop recording, press the **STOP** button.

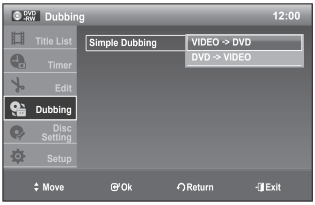
- Dubbing function is not allowed in progressive scan mode.
- You can record VCR in a state of HDMI connected. But you cannot dubbing from the DVD to VCR. (DVD-VR375 only)

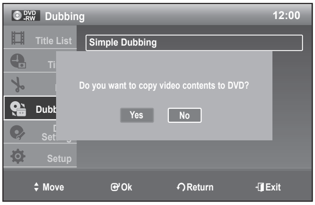
Dubbing from VCR to DVD

➡ DVD-RAM DVD-RW DVD-R DVD+RW DVD+R

DVD-VR375 only

1. With the unit in Stop mode, press the **MENU** button in stop mode.
2. Press the ▲▼ buttons to select **Dubbing**, then press the **OK** button.
3. Press the ▲▼ buttons to select **Simple Dubbing**, then press the **OK** button.
4. Press the ▲▼ buttons to select **VIDEO ➞ DVD**, then press the **OK** button.
   The Message "Do you want to copy video contents to DVD?" will be displayed.
5. Press the ◄► buttons to select **Yes**, then press the **OK** button.


DVD-RW Dubbing
12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
Simple Dubbing
VIDEO -> DVD
DVD -> VIDEO
Move
Ok
Return
Exit


DVD-RW Dubbing
12:00
Title List
Simple Dubbing
Setup
Yes
No
Move
Ok
Return
Exit

Do you want to copy video contents to DVD?

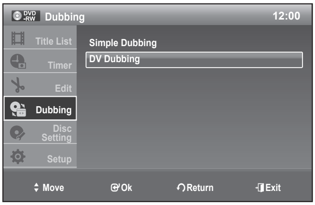
Direct dubbing VCR to DVD

- Insert the VHS tape you want to dub.
- Insert a Recordable DVD disc.
- Press DVD dubbing button on front panel or remote control. (TO DVD)
- To stop recording press the **STOP** button.

DV DUBBING (DVD-VR375 ONLY)

Before DV Dubbing, connect the DV output jack of camcorder to the DV input jack of DVD Recorder & VCR using a DV cable.

1. With the unit in Stop mode, press the **MENU** button in stop mode.
2. Press the ▲▼ buttons to select **Dubbing**, then press the **OK** button.
3. Press the ▲▼ buttons to select **DV Dubbing**, then press the **OK** button.

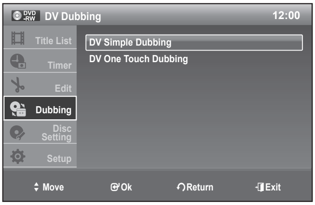

DVD-RW Dubbing
12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
Simple Dubbing
DV Dubbing
Move
Ok
Return
Exit

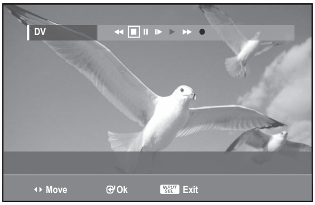
DV Simple Dubbing

You can find the dubbing start point to record on a disc easily by using the DV Simple Dubbing function.

To setup, follow steps 1~3 on page 67.

4. Press the ▲▼ buttons to select **DV Simple Dubbing**, then the **OK** button.
   The DV Tape Mode screen will be displayed.
5. Select the playback related buttons using the ◄ ► button to find the dubbing start point.
6. If you find start point, press the ◄ ► button to select ● (Record), then press the **OK** button.
   Dubbing starts.


DVD-RW DV Dubbing
12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
DV Simple Dubbing
DV One Touch Dubbing
Move
Ok
Return
Exit

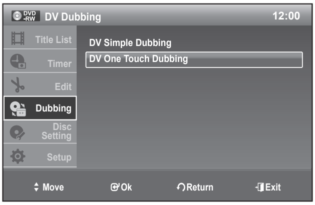

DV
◄◄ ■ II I► ► ►► ●
Move
Ok
INPUT SEL Exit

DV One Touch Dubbing

You can record the entire contents of a DV format tape onto a disc easily by using the DV One Touch Dubbing function.

To setup, follow steps 1~3 on page 67.

4. Press the ▲▼ buttons to select **DV One Touch Dubbing**, then press the **OK** button.
   DVD Recorder & VCR rewinds the tape in the digital video camera and then starts recording the tape contents from the beginning.
   When playback of the tape stops, One Touch Dubbing ends automatically.


DVD-RW DV Dubbing
12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
DV Simple Dubbing
DV One Touch Dubbing
Move
Ok
Return
Exit

- You cannot dub from a camcorder onto a videotape through the DV Input jack on this unit.

editing

This section introduces basic functions of DVD editing and explains both edit functions for the recording on a disc and edit functions for the entire disc.

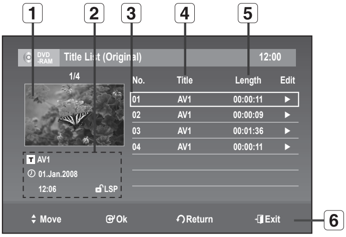
PLAYING THE TITLE LIST

Follow these instructions to play back a title from the Title List.

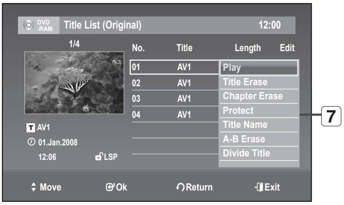
DVD-RAM DVD-RW DVD-R DVD+RW DVD+R
DVD-VR375 only

1. Press the **TITLE LIST** button.
   The Title List screen is displayed.
2. Press the ▲▼ buttons to select a title you want to play from Title List, and then press the **PLAY** button.
3. Press the **STOP** button to stop playing.
   To return to the title list screen, press the **TITLE LIST** button.

Title List Screen Elements


1
2
3
4
5
6
DVD-RAM
Title List (Original)
12:00
1/4
AV1
01.Jan.2008
12:06
LSP
Move
Ok
Return
Exit

No.	Title	Length	Edit
01	AV1	00:00:11	▶
02	AV1	00:00:09	▶
03	AV1	00:01:36	▶
04	AV1	00:00:11	▶


7
DVD-RAM
Title List (Original)
12:00
1/4
No.
Title
Length
Edit
01 AV1
02 AV1
03 AV1
04 AV1
Play
Title Erase
Chapter Erase
Protect
Title Name
A-B Erase
Divide Title
AV1
01.Jan.2008
12:06
LSP
Move
Ok
Return
Exit

1	Playback screen for recorded titles
2	Information window for the selected title: Title name, recording date, lock status, recording mode
3	Recorded title No.
4	Recorded title name
5	Recording Length (i.e., the playing time)
6	Button display
7	Edit menu Play : Plays the selected title. Title Erase : Erase the selected title from the list. Chapter Erase : Erase the selected chapter from the title. Protect : Locks or unlocks the selected title. Title Name : Changes the name of a selected title. A-B Erase : Erase the selected section (scene) from the title. Divide Title : Divide a title into two.

- This may depend on the type of disc.
- DVD-RW(V)/+RW/-R(V)/+R discs have limited editing functions.

BASIC EDITING (TITLE LIST)

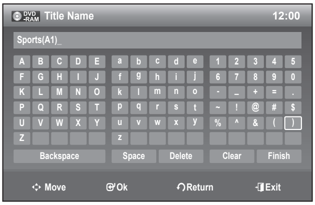
Renaming (Labeling) a Title (Title Name)

Follow these instructions to rename a title list, i.e., to edit the title of a recorded programme.

DVD-RAM DVD-RW DVD-R DVD+RW DVD+R

DVD-VR375 only

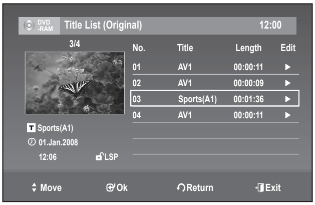
1. Press the **TITLE LIST** button.
   The Title List screen is displayed.
2. Press the ▲▼ buttons to select a title you want to rename from the Title List, then press the **OK** button.
3. Press the ▲▼ buttons to select **Title Name**, then press the **OK** button.
   The Title Name screen is displayed.
4. Select the desired characters using the ▲▼◄ ► buttons, press the **OK** button.
   - **Backspace** : Deletes the character before the cursor.
   - **Space** : Enters a blank and moves the cursor one forward (to the right).
   - **Delete** : Deletes the character at the cursor position.
   - **Clear** : Deletes all the character inputs.
   - **Finish** : Registers the character inputs.
5. Press the ▲▼◄ ► buttons to select **Finish**, and then press the **OK** button.
   The changed title name is displayed in the title field of the selected title.



Title Name 12:00

Sports(A1)_

DVD-RAM
A B C D E a b c d e 1 2 3 4 5
F G H I J f g h i j 6 7 8 9 0
K L M N O k l m n o - _ + = .
P Q R S T p q r s t ~ ! @ # $
U V W X Y u v w x y % ^ & ( )
Z z
Backspace
Space
Delete
Clear
Finish
Move
Ok
Return
Exit



Title List (Original) 12:00

3/4

No.	Title	Length	Edit
01	AV1	00:00:11	►
02	AV1	00:00:09	►
03	Sports(A1)	00:01:36	►
04	AV1	00:00:11	►

Sports(A1)
01.Jan.2008
12:06 LSP

DVD-RAM
Move
Ok
Return
Exit

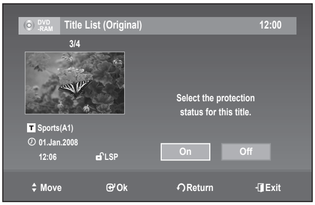
Locking (Protecting) a Title

Follow these instructions to lock a title to protect it from accidental deletion.

DVD-RAM DVD-RW DVD-R DVD+RW DVD+R

(VR mode) DVD-VR375 only

1. Press the **TITLE LIST** button.
   The Title List screen is displayed.
2. Press the ▲▼ buttons to select a title you want to protect from the Title List, then press the **OK** button.
3. Press the ▲▼ buttons to select **Protect**, then press the **OK** button.
4. Press the ◄ ► buttons to select **On**, then press the **OK** button.
   The key icon on the information window for the selected title changes to the locked status. (🔓→🔒)



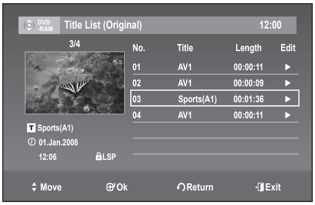
Title List (Original) 12:00

3/4

Select the protection status for this title.

Sports(A1)
01.Jan.2008
12:06 LSP

DVD-RAM
On
Off
Move
Ok
Return
Exit



Title List (Original) 12:00

3/4

No.	Title	Length	Edit
01	AV1	00:00:11	►
02	AV1	00:00:09	►
03	Sports(A1)	00:01:36	►
04	AV1	00:00:11	►

Sports(A1)
01.Jan.2008
12:06 LSP

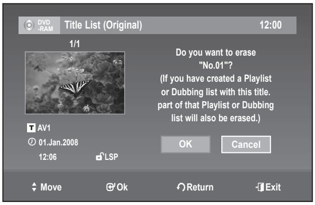
DVD-RAM
Move
Ok
Return
Exit

Erasing a Title (Title Erase)

Follow these instructions to erase a title from the Title List.

DVD-RAM DVD-RW DVD-R DVD+RW DVD+R

DVD-VR375 only


DVD -RAM
Title List (Original)
12:00
1/1
AV1
01.Jan.2008
12:06
LSP
OK
Cancel
Move
Ok
Return
Exit

Do you want to erase "No.01"? (If you have created a Playlist or Dubbing list with this title. part of that Playlist or Dubbing list will also be erased.)

1. Press the **TITLE LIST** button.
   The Title List screen is displayed.
2. Press the ▲▼ buttons to select a title you want to erase from the Title List, then press the **OK** button.
3. Press the ▲▼ buttons to select **Title Erase**, then press the **OK** button.
   You will be prompted with a confirmation message.
   DVD-RAM(VR), DVD-RW(VR mode) : Since Playlist is present, the message 'Do you want to erase "No. 01"? (If you have created a Playlist or Dubbing list with this title, part of that Playlist or Dubbing list will also be erased.)' is displayed.
   DVD-RW(Video mode), DVD+RW, DVD+R,DVD-R(V) : Since Playlist is not present, the message 'Do you want to erase "No. 01"?' is displayed.
   - The message depends on the type of disc.
4. Press the ◄ ► buttons to select **OK**, then press the **OK** button.

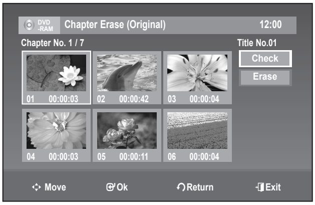
- You cannot erase a protected title.
  If you want to erase a protected title, select "Off" in the Title Protection menu.
- Once a title is erased from the Title List, it cannot be recovered.
- Once DVD-RW/DVD±R is finalised, it cannot be erased.
- With DVD±R, titles are only erased from the menu, however, the Title remains physically on the disc.

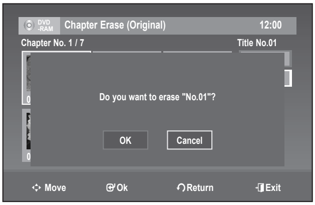
Erasing a chapter (Chapter Erase)

Follow these instructions to erase a chapter from the Title List.

DVD-RAM DVD-RW DVD-R

(VR mode)


DVD -RAM
Chapter Erase (Original)
12:00
Chapter No. 1 / 7
Title No.01
Check
Erase
01 00:00:03
02 00:00:42
03 00:00:04
04 00:00:03
05 00:00:11
06 00:00:04
Move
Ok
Return
Exit


DVD -RAM
Chapter Erase (Original)
12:00
Chapter No. 1 / 7
Title No.01
OK
Cancel
Move
Ok
Return
Exit

Do you want to erase "No.01"?

1. Press the **TITLE LIST** button.
   The Title List screen is displayed.
2. Press the ▲▼ buttons to select a title you want to erase from the Title List, then press the **OK** button.
3. Press the ▲▼ buttons to select **Chapter Erase**, then press the **OK** button.
   The Chapter Erase screen is displayed.
4. Press the ▲▼◄► buttons to select a chapter you want to erase from the Title List, then press the **OK** button. **Check** is selected.
   To preview the chapter, then press the **OK** button.
   When you press the **RETURN** button, the display returns to Chapter Erase (Original).
5. Press the ▲▼ buttons to select **Erase**, then press the **OK** button.
   You will be prompted with a confirmation message.
   The Message "Do you want to erase "No. 01"?" is displayed.
6. Press the ◄► buttons to select **OK**, then press the **OK** button.
   The selected chapter is erased from the title.
   To erase other chapters, repeat from step 4.

- You can also erase chapters from a Playlist title.
- If you erase an original title used in a Playlist, that Playlist is also erased.

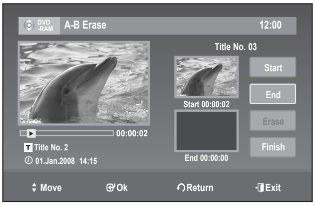
Erasing a section of a Title (A-B Erase)

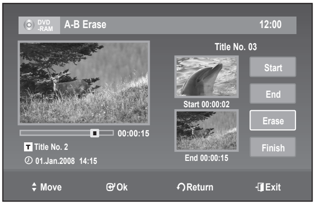
Follow these instructions to erase a section of a Title List entry.

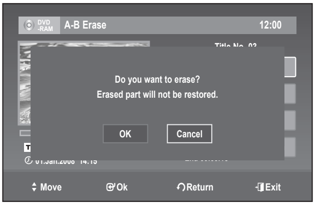
DVD-RAM DVD-RW DVD-R DVD+RW

(VR mode)

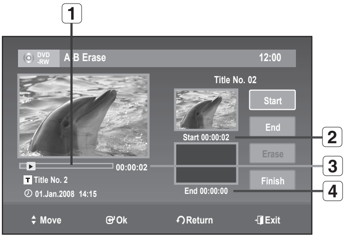
1. Press the **TITLE LIST** button.
   The Title List screen is displayed.
2. Press the ▲▼ buttons to select a title you want to edit from the Title List, then press the **OK** button.
3. Press the ▲▼ buttons to select **A-B Erase**, then press the **OK** button.
   The A-B Erase screen is displayed.
4. Press the **OK** button at the starting point.
   The image and starting point time are displayed in the section deletion starting point window.
5. Press the **OK** button at the end point.
   The image and end point time is displayed in the Section deletion ending point window.
6. Press the ▲▼ buttons to select **Erase**, then press the **OK** button.
7. Press the ◄ ► buttons to select **OK**, then press the **OK** button.
   The selected section has been deleted.
   To return to the Title List, press the ▲▼ buttons to select **Finish**.


DVD-RAM
A-B Erase
12:00
Title No. 03
Start
End
Erase
Finish
Start 00:00:02
End 00:00:00
00:00:02
Title No. 2
01.Jan.2008 14:15
Move
Ok
Return
Exit


DVD-RAM
A-B Erase
12:00
Title No. 03
Start
End
Erase
Finish
Start 00:00:02
End 00:00:15
00:00:15
Title No. 2
01.Jan.2008 14:15
Move
Ok
Return
Exit


Do you want to erase?
Erased part will not be restored.
DVD-RAM
A-B Erase
12:00
OK
Cancel
Move
Ok
Return
Exit

❖ A-B Erase Screen Elements


1
2
3
4
DVD-RW
A-B Erase
12:00
Title No. 02
Start
End
Erase
Finish
Start 00:00:02
End 00:00:00
00:00:02
Title No. 2
01.Jan.2008 14:15
Move
Ok
Return
Exit

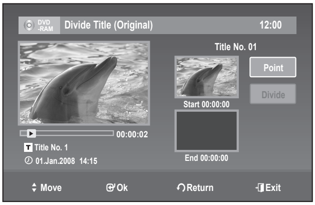
1	Playback bar
2	Section deletion starting point window and time
3	Playtime
4	Section deletion end point window and time • Select the start and end points of the section you want to delete using the playback related buttons. • Playback related buttons : (▶, ⏸, ◀◀, ▶▶, ⏮, ⏭)

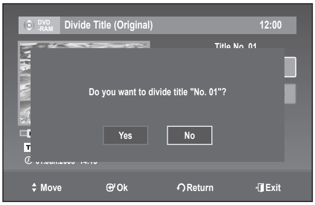
- The length of the section to be deleted must be at least 5 seconds long.
- End point cannot be marked earlier than start point.
- The section cannot be deleted when it includes a still picture.

Dividing a title into two (Divide Title)

Follow these instructions to divide a title into two.

DVD-RAM DVD-RW DVD-R DVD+RW
(VR mode)


DVD -RAM
Divide Title (Original)
12:00
Title No. 01
Point
Divide
Start 00:00:00
00:00:02
Title No. 1
01.Jan.2008 14:15
End 00:00:00
Move
Ok
Return
Exit


DVD -RAM
Divide Title (Original)
12:00
Title No. 01
Yes
No
Move
Ok
Return
Exit

Do you want to divide title "No. 01"?

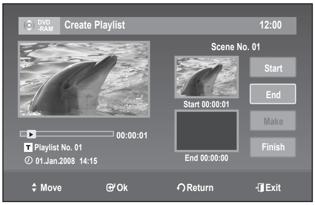
1. Press the **TITLE LIST** button.
   The Title List screen is displayed.
2. Press the ▲▼ buttons to select a title you want to divide from the Title List, then press the **OK** button.
3. Press the ▲▼ buttons to select **Divide Title**, then press the **OK** button.
   The setting the dividing point screen is displayed.
   The **Point** is selected.
4. Press the **OK** button at the point where you want to divide the title.
   The **Divide** is selected.
5. Press the **OK** button.
   You will be prompted with a confirmation message.
   The Message “Do you want to divide title “No.01”?” is displayed.
   To reset the dividing point, select **No** and press the **OK** button, then repeat from step 4.
   The display asks whether you want to rename the title.
   To use the same name as before, select No and press the **OK** button to finish.
6. Press the ◄► buttons to select **Yes**, then press the **OK** button.
   The Title Name screen is displayed.
7. Follow steps 3 to 5 of **Renaming (Labeling) a Title** (page 70) to complete renaming.
   The devided title appears in the Title List with the new name.

ADVANCED EDITING (PLAYLIST)

Creating a Playlist

Follow these instructions to create a new playlist title from a recorded title.

DVD-RAM DVD-RW DVD-R
(VR mode)

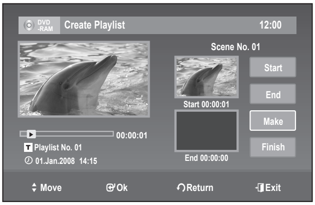

DVD -RAM
Create Playlist
12:00
Scene No. 01
Start
End
Make
Finish
Start 00:00:01
00:00:01
Playlist No. 01
01.Jan.2008 14:15
End 00:00:00
Move
Ok
Return
Exit

1. With the unit in Stop mode, press the **MENU** button.
2. Press the ▲▼ buttons to select **Edit**, then press the **OK** button.
3. Press the ▲▼ buttons to select **Create Playlist**, then press the **OK** button.
   The Create Playlist screen is displayed.
4. Press the **OK** button at the start point.
   - The image and time at the start point are displayed on the Start window.
   - Select the starting point of the section from which you want to create a new scene using the playback related buttons.
   - Playback related buttons : (▶,❚❚,◀◀,▶▶,⏮,⏭)

5. Press the **OK** button at the end point.
    - The image and end point time are displayed in the End window.

- To make a new playlist -

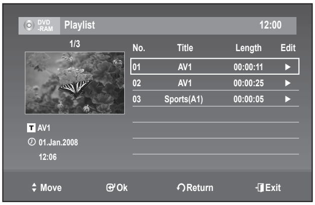
6. Press the ▲▼ buttons to select **Make**, then press the **OK** button.
   A new Make Scene screen is displayed.
   A new Scene will be added to the current Playlist.


DVD -RAM
Create Playlist
12:00
Scene No. 01
Start
End
Make
Finish
00:00:01
Start 00:00:01
End 00:00:00
Playlist No. 01
01.Jan.2008 14:15
Move
Ok
Return
Exit

- You can check and see all the scenes on the Edit Playlist screen. (See page 71)
- Repeat steps 1~5 if you want to make a new playlist.
- Repeat steps 4~5 if you want to make scenes of the playlist.

- To return to Edit Playlist menu -

7. Press the ▲▼ buttons to select **Finish**, then press the **OK** button. The Edit Playlist screen is displayed.


DVD -RAM
Playlist
12:00
1/3
AV1
01.Jan.2008
12:06
Move
Ok
Return
Exit

No.	Title	Length	Edit
01	AV1	00:00:11	▶
02	AV1	00:00:25	▶
03	Sports(A1)	00:00:05	▶

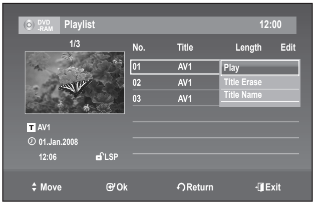
- You can create up to 99 playlist titles.
- Depending on the kind of disc, the displayed screen may be slightly different.
- A disc that is recorded on this unit cannot be displayed playlist menu if EZ Record set to "On".

Playing Titles in the Playlist

Follow these instructions to play the playlist titles.

DVD-RAM DVD-RW DVD-R
(VR mode)

1. Press the **TITLE LIST** button with the disc stopped, then press the **PLAY LIST** button.
   The Edit Playlist screen is displayed.
2. Press the ▲▼ buttons to select the title you want to play from the Playlist, then press the **OK** button.
3. Press the ▲▼ buttons to select **Play**, then press the **OK** button.
   The playlist titles will be played back.
4. Press the **STOP** button to stop playing.
   The screen returns to the Edit Playlist screen.


DVD -RAM
Playlist
12:00
1/3
Play
Title Erase
Title Name
AV1
01.Jan.2008
12:06
LSP
Move
Ok
Return
Exit

No.	Title	Length	Edit
01	AV1		
02	AV1		
03	AV1		

- When the Title list or Playlist screen is displayed, you can toggle the Title list and Playlist by pressing the **PLAY LIST** button.

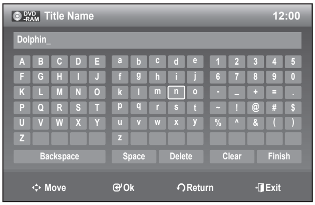
Renaming a Playlist Title

Follow these instructions to rename a playlist title, i.e. to edit the title of a playlist title.

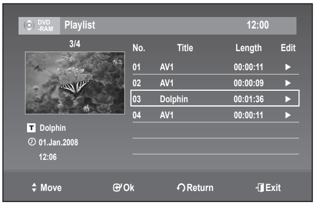
DVD-RAM DVD-RW DVD-R

(VR mode)

1. Press the **TITLE LIST** button with the disc stopped, then press the **PLAY LIST** button .
   The Edit Playlist screen is displayed.
2. Press the ▲▼ buttons to select the title you want to rename from the Playlist, then press the **OK** button.
3. Press the ▲▼ buttons to select **Title Name**, then press the **OK** button.
   The Title Name screen is displayed.
4. Enter the desired characters using the ▲▼◄ ► buttons.
   - **Backspace** : Moves the cursor one position backwards.
   - **Space** : Enters a blank and moves the cursor one forward (to the right).
   - **Delete** : Deletes the character at the cursor position.
   - **Clear** : Deletes all the character inputs.
   - **Finish** : Registers the character inputs.
5. Press the ▲▼◄ ► buttons to select **Finish**, then press the **OK** button.
   The changed title is displayed in the title field of the selected playlist title.


DVD-RAM
Title Name
12:00
A B C D E a b c d e 1 2 3 4 5
F G H I J f g h i j 6 7 8 9 0
K L M N O k l m n o - _ + = .
P Q R S T p q r s t ~ ! @ # $
U V W X Y u v w x y % ^ & ( )
Z z
Backspace
Space
Delete
Clear
Finish
Move
Ok
Return
Exit

Dolphin_

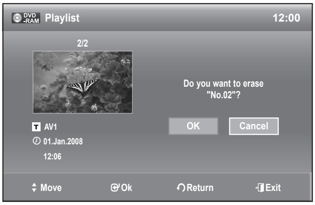

DVD-RAM
Playlist
12:00
3/4
Move
Ok
Return
Exit

No.	Title	Length	Edit
01	AV1	00:00:11	►
02	AV1	00:00:09	►
03	Dolphin	00:01:36	►
04	AV1	00:00:11	►

Dolphin
01.Jan.2008
12:06

Deleting a Playlist Title from the Playlist

1. Press the **TITLE LIST** button with the disc stopped, then press the **PLAY LIST** button .
   The Edit Playlist screen is displayed.
2. Press the ▲▼ buttons to select the title you want to delete from the Playlist, then press the **OK** button.
3. Press the ▲▼ buttons to select **Title Erase**, then press the **OK** button.
4. Press the ◄► buttons to select **OK**, then press the **OK** button.
   After the delete operation is complete, it will automatically return to the Edit Playlist screen.


DVD-RAM
Playlist
12:00
2/2
OK
Cancel
Move
Ok
Return
Exit

Do you want to erase "No.02"?

AV1
01.Jan.2008
12:06

DISC SETTING

Menu items may vary, depending on the existence of a recorded title.

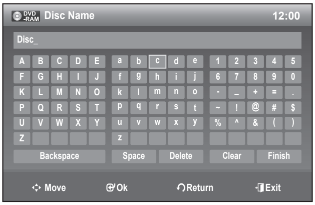
Editing the Disc Name

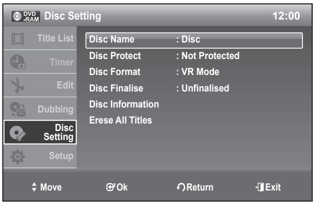
Follow these instructions to give a name to a disc.

DVD-RAM DVD-RW DVD-R DVD+RW DVD+R

DVD-VR375 only

1. With the unit in Stop mode, press the **MENU** button.
2. Press the ▲▼ buttons to select **Disc Setting**, then press the **OK** button.
3. Press the ▲▼ buttons to select **Disc Name**, then press the **OK** button.
   The Disc Name screen is displayed.
4. Enter the desired characters using the ▲▼◄ ► buttons.
   - **Backspace** : Deletes the character before the cursor.
   - **Space** : Enters a blank and moves the cursor one forward (to the right).
   - **Delete** : Deletes the character at the cursor position.
   - **Clear** : Deletes all the character inputs.
   - **Finish** : Registers the character inputs.
5. Press the ▲▼◄ ► buttons to select **Finish**, then press the **OK** button.
   A disc name is given to the disc.


DVD-RAM Disc Name
12:00
Disc_
A B C D E a b c d e 1 2 3 4 5
F G H I J f g h i j 6 7 8 9 0
K L M N O k l m n o - _ + = .
P Q R S T p q r s t ~ ! @ # $
U V W X Y u v w x y % ^ & ( )
Z z
Backspace
Space
Delete
Clear
Finish
Move
Ok
Return
Exit


DVD-RAM Disc Setting
12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
Move
Ok
Return
Exit

Disc Name : Disc
Disc Protect : Not Protected
Disc Format : VR Mode
Disc Finalise : Unfinalised
Disc Information
Erese All Titles

- To edit the disc name, you need to clear disc protection in advance.
- Depending on the kind of disc, the displayed screen may be different.

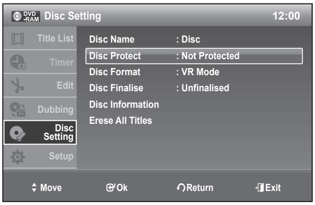
Disc Protection

Disc Protect allows you to protect your discs from being formatted or deleted due to unintended operations.

DVD-RAM DVD-RW DVD-R DVD+RW

(VR mode) DVD-VR375 only

1. With the unit in Stop mode, press the **MENU** button.
2. Press the ▲▼ buttons to select **Disc Setting**, then press the **OK** button.
3. Press the ▲▼ buttons to select **Disc Protect**, then press the **OK** button.
4. Press the ▲▼ button to select **Protected**, then press the **OK** button.


DVD-RAM Disc Setting
12:00
Title List
Timer
Edit
Dubbing
Disc Setting
Setup
Move
Ok
Return
Exit

Disc Name : Disc
Disc Protect : Not Protected
Disc Format : VR Mode
Disc Finalise : Unfinalised
Disc Information
Erese All Titles

Formatting a Disc

Use these instructions to format a disc.
The Disc Protection should be cleared.

DVD-RAM DVD-RW DVD+RW

DVD-VR375 only

1. With the unit in Stop mode, press the **MENU** button.
2. Press the ▲▼ buttons to select **Disc Setting**, then press the **OK** button.
3. Press the ▲▼ buttons to select **Disc Format**, then press the **OK** button.

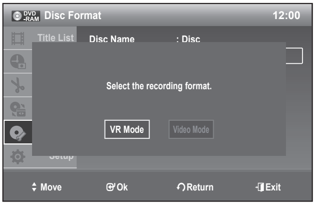
   DVD+RW

   - You will be prompted with the confirmation message 'All of the data will be erased (even protected titles). Do you want to format this disc?'.

   DVD-RAM/-RW

   - You will be prompted with the confirmation message 'Select the recording format.' (When using a DVD-RAM disc, you can select VR mode only)
     You will be prompted with the confirmation message 'All of the data will be erased (even protected titles). Do you want to format this disc?'.
4. Press the ◄► buttons to select **OK**, then press the **OK** button.
   The disc is formatted.

<DVD-RAM>

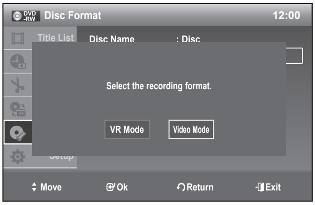


Disc Format 12:00

Disc Name : Disc

Select the recording format.

<DVD-RW>



Disc Format 12:00

Disc Name : Disc

Select the recording format.

- You can change the disc mode only one time when the unused DVD-R disc is inserted.

DVD-VR and DVD-V mode are defined according to their recording format.

	DVD-VR mode	DVD-V mode
DISC	DVD-RAM DVD-RW DVD-R	DVD-RW DVD-R

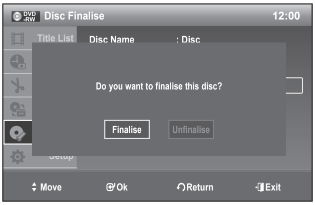
Finalising a Disc

After you record titles onto a DVD-RW/±R disc with your DVD recorder & VCR, it needs to be finalised before it can be played back on external devices.

DVD-RW DVD-R DVD+R

DVD-VR375 only

1. With the unit in Stop mode, press the **MENU** button.
2. Press the ▲▼ buttons to select **Disc Setting**, then press the **OK** button.
3. Press the ▲▼ button to select **Disc Finalise**, then press the **OK** button.
   You will be prompted with the message 'Do you want to finalise this disc?'
4. Press the ◄ ► buttons to select **Finalise**, then press the **OK** button.
   You will be prompted again with the message "Disc will be finalised. Do you want to continue?"
5. Press the ◄ ► buttons to select **OK**, then press the **OK** button.
   The disc is finalised.


DVD -RW
Disc Finalise
12:00
Title List
Disc Name
: Disc
Setup
Finalise
Unfinalise
Move
Ok
Return
Exit

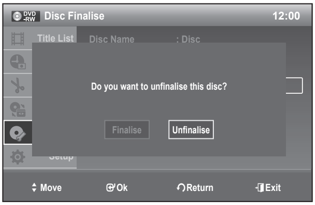
Do you want to finalise this disc?

- Once a disc is finalised, you cannot delete titles from the record list.
- Once a DVD±R/DVD-RW (video mode)disc is finalised, it is playable in a standard DVD player.
- Depending on the disc type, the displayed screen may be different.
- Finalising time may be different depending on the amount of data recorded on the disc.
- Data on the disc will be damaged if the recorder is powered off during finalise process.
- You can finalise the disc automatically using EZ Record. (see page 38).

Unfinalising a Disc (V/VR mode)

DVD-RW

1. With the unit in Stop mode, press the **MENU** button.
2. Press the ▲▼ buttons to select **Disc Setting**, then press the **OK** button.
3. Press the ▲▼ button to select **Disc Finalise**, then press the **OK** button.
   You will be prompted with the message 'Do you want to unfinalise disc?'.
4. Press the ◄ ► buttons to select **Unfinalise**, then press the **OK** button.
   You will be prompted again with the message "Disc will be unfinalised. Do you want to continue?"
5. Press the ◄ ► buttons to select **OK**, then press the **OK** button.
   The disc is unfinalised.


DVD -RW
Disc Finalise
12:00
Title List
Disc Name
: Disc
Setup
Finalise
Unfinalise
Move
Ok
Return
Exit

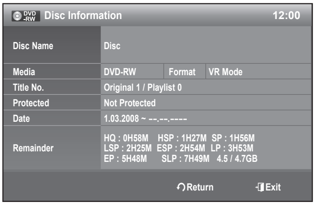
Do you want to unfinalise this disc?

Disc Information

DVD-RAM DVD-RW DVD-R DVD+RW DVD+R

DVD-VR375 only

1. With the unit in Stop mode, press the **MENU** button.
2. Press the ▲▼ buttons to select **Disc Setting**, then press the **OK** button.
3. Press the ▲▼ buttons to select **Disc Information**, then press the **OK** button.
   The Disc Information is displayed.



DVD -RW Disc Information 12:00

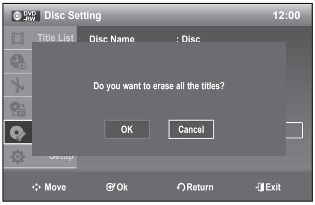
Disc Name	Disc		
Media	DVD-RW	Format	VR Mode
Title No.	Original 1 / Playlist 0		
Protected	Not Protected		
Date	1.03.2008 ~ --.--.----		
Remainder	HQ : 0H58M HSP : 1H27M SP : 1H56M LSP : 2H25M ESP : 2H54M LP : 3H53M EP : 5H48M SLP : 7H49M 4.5 / 4.7GB		

Erase All Titles

DVD-RAM DVD-RW DVD-R DVD+RW

(VR mode) DVD-VR375 only

1. With the unit in Stop mode, press the **MENU** button.
2. Press the ▲▼ buttons to select **Disc Setting**, then press the **OK** button.
3. Press the ▲▼ buttons to select **Erase All Titles**, then press the **OK** button.
   - You will be prompted with the confirmation message ‘Do you want to erase all the titles?’.
   - When Protected Title exists : The Erase All Titles function will not operate. If there is a title containing a still picture, however, that function will not operate. If you want to delete a protected title, disable Protect for it on the Lock item.
4. Press the ◄ ► buttons to select **OK**, then press the **OK** button.
   All title lists are deleted.



DVD -RW Disc Setting 12:00

Disc Name : Disc

Do you want to erase all the titles?

TROUBLESHOOTING (DVD)

If your product malfunctions, go through the check points below before contacting a Samsung authorized service centre.

PROBLEM	EXPLANATION/SOLUTION
No power.	• Check whether the power cord is securely plugged into the power outlet. • Did you press the ⏻/I button of your DVD Recorder & VCR.
The input is displayed for a while when the power turns on.	The DVD Recorder & VCR requires some time to initialise after it is turned on.
Cannot record TV programmes.	• Check whether the power cord is securely plugged into the power outlet. • Did you set the DVD Recorder & VCR programme settings correctly? • Check the free space on your disc. • Check the antenna cable is connected.
Timer recording does not work properly.	• Check the recording time, end time and current time settings again. • Recording will be canceled if the power is interrupted due to a power failure or other reason during recording.
Cannot record.	• Check whether the disc is formatted. This product can record on formatted discs only. • Check whether your disc has a sufficient free space.
I pressed the REC button but there is no response.	If a programme is copy protected, you cannot record it.
I forgot the password for parental lock.	Press the **PROG** (∧/∨) buttons on the front panel of your unit for more than 10 seconds with no disc, and then press the **STANDBY/ON** button. All settings including password will revert to factory settings. Do not use it if not absolutely required. (Note that this function is available only when there is no disc inserted.)
Cannot play the disc.	• Check whether the disc is inserted correctly with the label facing up. • Check the regional code of your DVD disc. • This DVD Recorder & VCR cannot playback some types of disc.
No sound.	• Are you watching a programme in slow or skip mode? If you are playing a programme at a speed other than normal speed, sound is not output. (But, you can hear sound during forward search (FF1) in DVD-VIDEO/DVD-RAM/±RW/±R) • Check the connections and initial settings. • Check whether the disc is damaged. Clean up the disc, if necessary. • Check whether the disc is inserted correctly with the label facing up.

TROUBLESHOOTING (DVD)

PROBLEM	EXPLANATION/SOLUTION
⊘ icon appears on the screen.	You cannot use the operation or function due to one of the following reasons: (1) Your DVD disc does not support the feature (for example, angles) (2) You've requested a title, chapter, or scan time that is out of the correct range.
Play mode settings are different from the settings configured with the Setting menu.	The disc does not support all the selected functions. In this case, some settings you configure on the Setting menu may not work properly.
Cannot change the aspect ratio.	Aspect ratio is fixed for DVD disc.
No audio output.	Check whether you selected correct digital output options in the Audio Output Options menu.
No video or audio output. **The disc tray is ejected after 2 to 5 seconds.**	Did you move your DVD Recorder & VCR suddenly from a cold place to a warm place? In this case, do not connect the plug to the power outlet and wait for two hours. Then insert the disc and try to play again.It will work properly when condensation has evaporated.
Angle operation does not work during playback of a DVD disc.	Angle operation is available only when the disc contains images captured at different angles.
The disc revolves, but no image or bad quality images are output.	• Check whether there is damage or foreign materials on your disc. • Some discs with bad manufacturing quality may not be played back. • If the scene changes from dark to bright suddenly, the screen may jitter temporarily, but it is not a defect.
Desired audio language and subtitle language are not played.	Audio languages and subtitle languages are disc-specific. Only the sound and subtitle languages contained on a DVD disc are available and displayed on the disc menu.
No progressive output.	• Check whether you selected correct Progressive options in the Audio Options.
The remote control doesn't work.	• Point the remote control at the remote control sensor on your DVD Recorder & VCR. Operate within distance. (15ft) Remove obstacles between your DVD Recorder & VCR and remote control. • Check whether the batteries are depleted.
Other problems	• Read the table of contents and then find and read the sections describing your problem, and follow the directions given. • Turn the unit off and on. • If your problem still persists, contact your nearest Samsung service centre.
No HDMI output. **(DVD-VR375 only)**	• Check the Video output is HDMI enabled. • Check the connection between the TV and the HDMI jack of the DVD Recorder & VCR. • See if your TV supports this 576p/720p/1080i/1080p DVD Recorder & VCR.
Abnormal HDMI output screen. **(DVD-VR375 only)**	• If snow noise appears on the screen, it means that TV does not support HDCP (High-bandwidth Digital Content Protection).
HDMI output Jitter **(DVD-VR375 only)**	• Check your TV system setup correctly. • Screen Jitter may occur when the frame rate is converted from 50Hz to 60Hz for 720p/1080i/1080p HDMI (High Definition Multimedia Interface) Output. • Please refer to the user's manual of your TV.

TROUBLESHOOTING (VCR)

Before contacting a Samsung authorized service centre, perform the following simple checks.

PROBLEM	EXPLANATION/SOLUTION
No power	• Check that the power plug is connected to a wall outlet. • Have you pressed the ⏻/I button?
You cannot insert a video cassette	• A video cassette can only be inserted with the window side up and the safety tab facing you.
The television programme was not recorded	• Check the DVD Recorder & VCR antenna connections. • Is the DVD Recorder & VCR tuner properly set? • Check if the safety tab is intact on the cassette.
Timer recording was unsuccessful	• Re-check the recording start/stop time settings and the current time • Check whether you inserted a tape which has enough time to record
No playback picture or the picture is distorted	• Check to see if you are using a prerecorded tape.
You cannot see normal broadcasts Noise bars or streaks on playback	• Check the tuner/external setting. It should be on tuner. • Check the TV antenna connections. • Press the **PROG/TRK** (∧/∨) buttons to minimize this effect.
When the (▶) button is pressed during playback, the still picture has severe “noise bar” streaks	• A still picture may have “noise bars”, depending on the condition of the tape. Press the **PROG/TRK** (∧/∨) buttons during slow motion to minimize this effect.
Video Head Cleaning	• If poor pictures appear on a variety of cassettes, the video heads may need cleaning. This is not a common problem and unless it appears, the heads should not be cleaned. When cleaning the video heads, read all instructions provided with the head cleaning cassette. Incorrect head cleaning can permanently damage the video heads.

If you are unable to solve the problem after reading the above instructions, note:

- The model and serial number on the rear of your DVD Recorder & VCR
- The warranty information
- A clear description of the problem

Then contact your nearest SAMSUNG authorized service centre.

SPECIFICATIONS

General	Power requirements	AC 220 - 240V, 50Hz
	Power consumption	30 Watts/4Watts(Standby mode)
	Weight	4.4Kg
	Dimensions	430(W) x 331(D) x 79(H)
	Operating temp.	+5°C to +35°C
	Other conditions	Keep level when operating. Less than 75% operating humidity
Input	Video input (Rear)	RCA jack : 1.0Vp-p(unbalanced) 75Ω
	Audio input (Rear)	RCA jack : -8dBm, 47Kohm unbalanced
	Front input	RCA jack, DV (DVD-VR375 only)
Output	Audio (DVD, VCR)	RCA jack, Audio L/R
	Audio (DVD only)	Digital audio out COAXIAL
	Video (DVD, VCR)	RCA JACK (composite) : 1,0Vp-p, 75Ω Component out RCA jack (Composite, RGB) HDMI output [576p, 720p, 1080i, 1080p] (DVD-VR375 only)
VCR	Tape format	VHS type video tape
	Colour system	PAL
	Tuning system	B/G, D/K : New Zealand model B/B : Australia model
	Video S/N	Above 43dB (standard recording)
	Resolution	Above 240 lines (standard recording)
	Audio S/N	Above 60dB (Hi-Fi), 40dB (Mono)
	Audio frequency characteristics	20Hz-20KHz (Hi-Fi)
DVD	Picture Compression format	MPEG-II
	Audio Compression format	Dolby AC-3 256kbps
	Recording Quality	HQ(Approx. 1 hour), HSP(Approx. 1 hour 30 minutes), SP(Approx. 2 hours), LSP(Approx. 2 hours 30 minutes), ESP(Approx. 3 hours), LP(Approx. 4 hours), EP(Approx. 6 hours), SLP(Approx. 8 hours)
	Video S/N	Ratio Min. 50dB at standard recording
	Audio S/N	Ratio Min. 75dB
	Audio frequency characteristics	20 Hz ~ 20 KHz

Audio Output

For DVD discs, audio signals recorded at 96kHz sampling frequency are converted into and output at 48kHz.

Disc Type	DVD	AUDIO CD (CD-DA)
Analog Audio Output	48 / 96KHz	44.1KHz
Digital Audio Output	48KHz	44.1KHz

Contact SAMSUNG WORLD WIDE

If you have any questions or comments relating to Samsung products, please contact the SAMSUNG customer care centre.

Region	Country	Customer Care Centre ☎	Web Site
North America	CANADA	1-800-SAMSUNG(726-7864)	www.samsung.com/ca
	MEXICO	01-800-SAMSUNG(726-7864)	www.samsung.com
	U.S.A	1-800-SAMSUNG(726-7864)	www.samsung.com
Latin America	ARGENTINE	0800-333-3733	www.samsung.com/ar
	BRAZIL	0800-124-421 , 4004-0000	www.samsung.com
	CHILE	800-SAMSUNG(726-7864)	www.samsung.com/cl
	NICARAGUA	00-1800-5077267	
	HONDURAS	800-7919267	
	COSTA RICA	0-800-507-7267	www.samsung.com/latin
	ECUADOR	1-800-10-7267	www.samsung.com/latin
	EL SALVADOR	800-6225	www.samsung.com/latin
	GUATEMALA	1-800-299-0013	www.samsung.com/latin
	JAMAICA	1-800-234-7267	www.samsung.com/latin
	PANAMA	800-7267	www.samsung.com/latin
	PUERTO RICO	1-800-682-3180	www.samsung.com/latin
	REP. DOMINICA	1-800-751-2676	www.samsung.com/latin
	TRINIDAD & TOBAGO	1-800-SAMSUNG(726-7864)	www.samsung.com/latin
	VENEZUELA	0-800-100-5303	www.samsung.com/latin
	COLOMBIA	01-8000112112	www.samsung.com.co
Europe	BELGIUM	0032 (0)2 201 24 18	www.samsung.com/be
	CZECH REPUBLIC	844 000 844 Distributor pro Českou republiku: Samsung Zrt., česka organizační složka Vyskočilova 4, 14000 Praha 4	www.samsung.com/cz
	DENMARK	70 70 19 70	www.samsung.com/dk
	FINLAND	030-6227 515	www.samsung.com/fi
	FRANCE	3260 SAMSUNG (€ 0,15/Min), 08 25 08 65 65 (€ 0,15/Min)	www.samsung.com
	GERMANY	01805 - SAMSUNG(726-7864) (€ 0,14/Min)	www.samsung.com
	HUNGARY	06-80-SAMSUNG(726-7864)	www.samsung.com
	ITALIA	800-SAMSUNG(726-7864)	www.samsung.com
	LUXEMBURG	0035 (0)2 261 03 710	www.samsung.com/be
	NETHERLANDS	0900-SAMSUNG(726-7864) (€ 0,10/Min)	www.samsung.com/nl
	NORWAY	815-56 480	www.samsung.com/no
	POLAND	0 801 801 881 , 022-607-93-33	www.samsung.com/pl
	PORTUGAL	80820-SAMSUNG(726-7864)	www.samsung.com/pt
	SLOVAKIA	0800-SAMSUNG(726-7864)	www.samsung.com/sk
	SPAIN	902 10 11 30	www.samsung.com
	SWEDEN	0771-400 200	www.samsung.com/se
	U.K	0845 SAMSUNG (7267864)	www.samsung.com
	EIRE	0818 717 100	www.samsung.com/ie
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